

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021740.D
 Acq On : 01 Apr 2025 14:42
 Operator : SY/MD
 Sample : Q1664-02MS
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MS

Quant Time: Apr 02 03:23:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	96561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	161499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	149082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	79914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	67638	64.651	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.300%			
35) Dibromofluoromethane	7.628	113	63214	60.341	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.680%			
50) Toluene-d8	10.103	98	240767	60.412	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.820%			
62) 4-Bromofluorobenzene	12.401	95	80515	59.726	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 119.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	61659	61.608	ug/l	100
3) Chloromethane	2.068	50	76748	54.535	ug/l	99
4) Vinyl Chloride	2.202	62	91305	57.369	ug/l	100
5) Bromomethane	2.592	94	56454	52.008	ug/l	99
6) Chloroethane	2.732	64	58100	55.789	ug/l	96
7) Trichlorofluoromethane	3.056	101	125513	61.563	ug/l	99
8) Diethyl Ether	3.452	74	30309	54.666	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	67948	63.190	ug/l	99
10) Methyl Iodide	4.000	142	70900	60.102	ug/l	99
11) Tert butyl alcohol	4.842	59	20529	302.101	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	60414	59.649	ug/l	94
13) Acrolein	3.647	56	5729	46.172	ug/l	99
14) Allyl chloride	4.378	41	88669	54.908	ug/l	99
15) Acrylonitrile	5.055	53	69311	299.402	ug/l	99
16) Acetone	3.866	43	81445	380.374	ug/l	98
17) Carbon Disulfide	4.104	76	195694	58.662	ug/l	99
18) Methyl Acetate	4.378	43	121431	228.826	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	147304	58.417	ug/l	98
20) Methylene Chloride	4.610	84	78774	77.296	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	65338	58.591	ug/l	98
22) Diisopropyl ether	6.012	45	180285	53.220	ug/l	96
23) Vinyl Acetate	5.964	43	52270	26.376	ug/l	98
24) 1,1-Dichloroethane	5.915	63	117519	58.017	ug/l	98
25) 2-Butanone	6.890	43	98984	323.660	ug/l	98
26) 2,2-Dichloropropane	6.884	77	100503	55.778	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	72637	57.921	ug/l	99
28) Bromochloromethane	7.244	49	49895	58.406	ug/l	99
29) Tetrahydrofuran	7.256	42	59527	302.433	ug/l	100
30) Chloroform	7.421	83	121921	57.869	ug/l	98
31) Cyclohexane	7.695	56	106734	57.803	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	113238	59.468	ug/l	99
36) 1,1-Dichloropropene	7.835	75	91192	57.149	ug/l	100
37) Ethyl Acetate	6.982	43	17505	23.245	ug/l #	80
38) Carbon Tetrachloride	7.817	117	105855	57.920	ug/l	99
39) Methylcyclohexane	9.109	83	111299	58.387	ug/l	98
40) Benzene	8.079	78	264063	55.258	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021740.D
 Acq On : 01 Apr 2025 14:42
 Operator : SY/MD
 Sample : Q1664-02MS
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MS

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:23:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	21915	54.797	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	75593	56.112	ug/l	100
43) Isopropyl Acetate	8.195	43	50243	35.206	ug/l	98
44) Trichloroethene	8.859	130	69912	57.419	ug/l	96
45) 1,2-Dichloropropane	9.140	63	64339	56.880	ug/l	99
46) Dibromomethane	9.231	93	38118	58.472	ug/l	96
47) Bromodichloromethane	9.420	83	94449	55.913	ug/l	99
48) Methyl methacrylate	9.219	41	47175	72.024	ug/l	95
49) 1,4-Dioxane	9.219	88	9126	1306.783	ug/l	99
51) 4-Methyl-2-Pentanone	9.993	43	207926	279.970	ug/l	99
52) Toluene	10.170	92	168313	56.453	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	82149	54.752	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	95970	54.219	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	49506	59.011	ug/l	97
56) Ethyl methacrylate	10.438	69	36777	34.332	ug/l	98
57) 1,3-Dichloropropane	10.713	76	84189	58.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	166548	318.709	ug/l	100
59) 2-Hexanone	10.761	43	133084	269.069	ug/l	99
60) Dibromochloromethane	10.908	129	66270	57.857	ug/l	100
61) 1,2-Dibromoethane	11.011	107	45833	58.240	ug/l	99
64) Tetrachloroethene	10.646	164	91293	67.236	ug/l	98
65) Chlorobenzene	11.438	112	176125	51.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	64285	53.018	ug/l	97
67) Ethyl Benzene	11.517	91	301895	51.516	ug/l	99
68) m/p-Xylenes	11.627	106	236168	105.243	ug/l	100
69) o-Xylene	11.956	106	110288	53.243	ug/l	100
70) Styrene	11.969	104	183712	53.192	ug/l	99
71) Bromoform	12.133	173	38072	55.046	ug/l #	100
73) Isopropylbenzene	12.255	105	288342	48.579	ug/l	99
74) N-amyl acetate	12.066	43	8183	5.874	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	51613	48.365	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	39211m	49.499	ug/l	
77) Bromobenzene	12.529	156	69460	48.740	ug/l	99
78) n-propylbenzene	12.597	91	349302	48.950	ug/l	99
79) 2-Chlorotoluene	12.676	91	203700	49.148	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	238020	49.066	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	15916	46.296	ug/l	98
82) 4-Chlorotoluene	12.773	91	208772	48.316	ug/l	98
83) tert-Butylbenzene	12.999	119	206052	47.688	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	236860	49.402	ug/l	99
85) sec-Butylbenzene	13.176	105	308529	48.861	ug/l	99
86) p-Isopropyltoluene	13.291	119	254716	48.806	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	135455	48.243	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	133457	48.109	ug/l	99
89) n-Butylbenzene	13.615	91	216008	44.754	ug/l	100
90) Hexachloroethane	13.877	117	52976	46.322	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	120864	49.450	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8654	52.322	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	54259	40.936	ug/l	99
94) Hexachlorobutadiene	15.023	225	30994	37.442	ug/l	100
95) Naphthalene	15.145	128	89655	40.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	47540	42.060	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
Data File : VY021740.D
Acq On : 01 Apr 2025 14:42
Operator : SY/MD
Sample : Q1664-02MS
Misc : 4.19g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P001-BBDGA-001-01MS

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:23:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021740.D
 Acq On : 01 Apr 2025 14:42
 Operator : SY/MD
 Sample : Q1664-02MS
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-BBDGA-001-01MS

Quant Time: Apr 02 03:23:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

