

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021453.D
 Acq On : 07 Mar 2025 12:03
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
 Supervised By :Semsettin Yesilyurt 03/11/2025

Quant Time: Mar 07 22:00:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	219868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	343563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	152803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123341	53.076	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.160%			
35) Dibromofluoromethane	7.634	113	117478	52.021	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.040%			
50) Toluene-d8	10.109	98	444032	51.930	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.860%			
62) 4-Bromofluorobenzene	12.408	95	148084	50.913	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	39418	19.537	ug/l	94
3) Chloromethane	2.068	50	57411	20.182	ug/l	98
4) Vinyl Chloride	2.202	62	64302	20.685	ug/l	96
5) Bromomethane	2.592	94	46339	20.625	ug/l	96
6) Chloroethane	2.732	64	44175	21.504	ug/l	97
7) Trichlorofluoromethane	3.056	101	94934	21.880	ug/l	95
8) Diethyl Ether	3.452	74	23849	19.834	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	49349	19.921	ug/l	99
10) Methyl Iodide	4.007	142	48739	19.355	ug/l	100
11) Tert butyl alcohol	4.872	59	18258	108.044	ug/l	99
12) 1,1-Dichloroethene	3.787	96	43870	19.424	ug/l	97
13) Acrolein	3.647	56	16580	140.270	ug/l	95
14) Allyl chloride	4.385	41	70258	19.249	ug/l	99
15) Acrylonitrile	5.061	53	50908	99.456	ug/l	98
16) Acetone	3.866	43	58595	115.604	ug/l	96
17) Carbon Disulfide	4.104	76	133704	18.890	ug/l	99
18) Methyl Acetate	4.385	43	23025	20.473	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	110998	19.390	ug/l	99
20) Methylene Chloride	4.616	84	54760	20.582	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	49678	19.641	ug/l	95
22) Diisopropyl ether	6.018	45	157929	20.078	ug/l	99
23) Vinyl Acetate	5.957	43	450639	100.386	ug/l	99
24) 1,1-Dichloroethane	5.915	63	91407	19.690	ug/l	99
25) 2-Butanone	6.896	43	75161	107.199	ug/l	99
26) 2,2-Dichloropropane	6.884	77	82994	19.429	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	54488	18.963	ug/l	98
28) Bromochloromethane	7.244	49	37442	19.238	ug/l	99
29) Tetrahydrofuran	7.262	42	44158	102.018	ug/l	97
30) Chloroform	7.421	83	95944	19.903	ug/l	99
31) Cyclohexane	7.701	56	82128	18.870	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	86978	19.705	ug/l	99
36) 1,1-Dichloropropene	7.835	75	68637	19.417	ug/l	98
37) Ethyl Acetate	6.982	43	31592	20.220	ug/l	97
38) Carbon Tetrachloride	7.817	117	79070	19.449	ug/l	96
39) Methylcyclohexane	9.109	83	81593	18.818	ug/l	99
40) Benzene	8.079	78	202793	19.475	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021453.D
 Acq On : 07 Mar 2025 12:03
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
 Supervised By :Semsettin Yesilyurt 03/11/2025

Quant Time: Mar 07 22:00:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	17773m	20.892	ug/l	
42) 1,2-Dichloroethane	8.158	62	57755	19.826	ug/l	100
43) Isopropyl Acetate	8.195	43	59917	19.755	ug/l #	87
44) Trichloroethene	8.865	130	50339	19.130	ug/l	99
45) 1,2-Dichloropropane	9.140	63	49619	20.021	ug/l	97
46) Dibromomethane	9.231	93	27131	19.675	ug/l	99
47) Bromodichloromethane	9.426	83	71823	19.613	ug/l	99
48) Methyl methacrylate	9.219	41	27630	19.839	ug/l	98
49) 1,4-Dioxane	9.237	88	5803	428.740	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	157126	100.404	ug/l	98
52) Toluene	10.170	92	128919	19.637	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	62838	19.476	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	73636	19.223	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	35572	19.720	ug/l	96
56) Ethyl methacrylate	10.438	69	44620	19.396	ug/l	100
57) 1,3-Dichloropropane	10.719	76	60936	19.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	107568	101.290	ug/l	99
59) 2-Hexanone	10.762	43	109553	105.872	ug/l	98
60) Dibromochloromethane	10.914	129	47870	19.358	ug/l	99
61) 1,2-Dibromoethane	11.018	107	33437	19.641	ug/l	97
64) Tetrachloroethene	10.646	164	48058	19.598	ug/l	98
65) Chlorobenzene	11.444	112	135015	18.959	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	48814	19.388	ug/l	100
67) Ethyl Benzene	11.517	91	238496	19.081	ug/l	99
68) m/p-Xylenes	11.627	106	184669	38.916	ug/l	99
69) o-Xylene	11.956	106	83621	19.120	ug/l	99
70) Styrene	11.969	104	140205	19.324	ug/l	99
71) Bromoform	12.133	173	28337	20.134	ug/l #	98
73) Isopropylbenzene	12.255	105	227722	18.919	ug/l	100
74) N-amyl acetate	12.072	43	49116	18.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	41732	19.647	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	30660m	19.912	ug/l	
77) Bromobenzene	12.536	156	51851	18.413	ug/l	98
78) n-propylbenzene	12.597	91	280785	19.208	ug/l	100
79) 2-Chlorotoluene	12.682	91	159129	19.038	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	187183	19.136	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13174	19.450	ug/l	95
82) 4-Chlorotoluene	12.779	91	166239	19.206	ug/l	100
83) tert-Butylbenzene	12.999	119	163102	18.691	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	185591	19.109	ug/l	100
85) sec-Butylbenzene	13.176	105	249181	19.192	ug/l	100
86) p-Isopropyltoluene	13.292	119	202582	18.939	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	105372	18.798	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	104875	19.131	ug/l	98
89) n-Butylbenzene	13.621	91	186240	18.856	ug/l	99
90) Hexachloroethane	13.883	117	43553	19.087	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	91257	18.995	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6311	19.835	ug/l	90
93) 1,2,4-Trichlorobenzene	14.925	180	47173	17.977	ug/l	97
94) Hexachlorobutadiene	15.029	225	31456	19.123	ug/l	99
95) Naphthalene	15.151	128	74806	18.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	39961	18.107	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021453.D
Acq On : 07 Mar 2025 12:03
Operator : SY/MD
Sample : VY0307SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025

Quant Time: Mar 07 22:00:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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\VY030725\
 Data File : VY021453.D
 Acq On : 07 Mar 2025 12:03
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
 Supervised By :Semsettin Yesilyurt 03/11/2025

Quant Time: Mar 07 22:00:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

