

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022332.D
 Acq On : 20 May 2025 10:43
 Operator : SY/MD
 Sample : VY0520SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 05/21/2025
 Supervised By : Semsettin Yesilyurt 05/21/2025

Quant Time: May 21 01:44:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	169930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	290999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	242816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	114105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93693	50.449	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.900%			
35) Dibromofluoromethane	7.634	113	88946	51.211	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.420%			
50) Toluene-d8	10.109	98	354104	49.780	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.408	95	106409	47.194	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	36582	20.631	ug/l	98
3) Chloromethane	2.068	50	100155	26.852	ug/l	97
4) Vinyl Chloride	2.202	62	116153	27.873	ug/l	95
5) Bromomethane	2.592	94	116162	34.242	ug/l	97
6) Chloroethane	2.733	64	80085	30.891	ug/l	97
7) Trichlorofluoromethane	3.050	101	104425	24.750	ug/l	98
8) Diethyl Ether	3.458	74	21092	20.831	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	40062	21.872	ug/l	98
10) Methyl Iodide	4.001	142	42650	20.118	ug/l	97
11) Tert butyl alcohol	4.885	59	15627	110.188	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	38757	21.322	ug/l	93
13) Acrolein	3.647	56	15501	74.765	ug/l	97
14) Allyl chloride	4.385	41	59919	18.800	ug/l	93
15) Acrylonitrile	5.061	53	45604	109.306	ug/l	99
16) Acetone	3.879	43	33618	96.539	ug/l	96
17) Carbon Disulfide	4.098	76	122812	20.720	ug/l	99
18) Methyl Acetate	4.385	43	22475	20.470	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	107372	21.423	ug/l	97
20) Methylene Chloride	4.616	84	44052	19.577	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	41579	20.724	ug/l	93
22) Diisopropyl ether	6.019	45	132222	19.645	ug/l	98
23) Vinyl Acetate	5.958	43	405343	99.687	ug/l	98
24) 1,1-Dichloroethane	5.915	63	77831	20.699	ug/l	98
25) 2-Butanone	6.896	43	59685	102.465	ug/l	99
26) 2,2-Dichloropropane	6.884	77	64389	19.252	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	48984	21.157	ug/l	96
28) Bromochloromethane	7.244	49	31117	19.401	ug/l	97
29) Tetrahydrofuran	7.262	42	40974	109.338	ug/l	96
30) Chloroform	7.421	83	76866	21.312	ug/l	100
31) Cyclohexane	7.701	56	73428	19.544	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	67791	20.487	ug/l	100
36) 1,1-Dichloropropene	7.835	75	56708	19.823	ug/l	99
37) Ethyl Acetate	6.988	43	28592	20.772	ug/l	96
38) Carbon Tetrachloride	7.817	117	58800	19.856	ug/l	99
39) Methylcyclohexane	9.109	83	74814	19.465	ug/l	98
40) Benzene	8.079	78	171947	20.275	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022332.D
 Acq On : 20 May 2025 10:43
 Operator : SY/MD
 Sample : VY0520SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
 Supervised By :Semsettin Yesilyurt 05/21/2025

Quant Time: May 21 01:44:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15257	16.710	ug/l #	78
42) 1,2-Dichloroethane	8.158	62	47245	20.600	ug/l	99
43) Isopropyl Acetate	8.195	43	59680	19.881	ug/l	98
44) Trichloroethene	8.866	130	42693	20.246	ug/l	93
45) 1,2-Dichloropropane	9.140	63	40614	19.863	ug/l	99
46) Dibromomethane	9.231	93	22957	20.817	ug/l	97
47) Bromodichloromethane	9.420	83	57766	20.191	ug/l	100
48) Methyl methacrylate	9.219	41	27761	19.775	ug/l	96
49) 1,4-Dioxane	9.231	88	5365	430.632	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	150099	101.903	ug/l	99
52) Toluene	10.170	92	103990	19.364	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	55026	19.708	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	63017	19.700	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	29249	20.712	ug/l	97
56) Ethyl methacrylate	10.438	69	44296	20.137	ug/l	99
57) 1,3-Dichloropropane	10.713	76	52068	20.752	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	83344	84.412	ug/l	98
59) 2-Hexanone	10.762	43	99369	100.617	ug/l	97
60) Dibromochloromethane	10.908	129	37017	20.195	ug/l	97
61) 1,2-Dibromoethane	11.012	107	27505	20.897	ug/l	98
64) Tetrachloroethene	10.646	164	45481	20.264	ug/l	97
65) Chlorobenzene	11.444	112	110375	20.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	36365	19.309	ug/l	95
67) Ethyl Benzene	11.518	91	201669	19.657	ug/l	99
68) m/p-Xylenes	11.627	106	153629	39.739	ug/l	96
69) o-Xylene	11.957	106	72117	19.717	ug/l	97
70) Styrene	11.969	104	118550	19.214	ug/l	99
71) Bromoform	12.133	173	20391	20.060	ug/l #	100
73) Isopropylbenzene	12.255	105	190932	20.198	ug/l	100
74) N-amyl acetate	12.072	43	52635	19.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	31351	21.565	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	24934m	21.569	ug/l	
77) Bromobenzene	12.530	156	40575	20.097	ug/l	99
78) n-propylbenzene	12.597	91	228900	20.075	ug/l	99
79) 2-Chlorotoluene	12.682	91	120552	19.239	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	149517	19.594	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11182	19.595	ug/l	96
82) 4-Chlorotoluene	12.780	91	125421	19.460	ug/l	98
83) tert-Butylbenzene	12.999	119	134072	19.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	146859	19.387	ug/l	100
85) sec-Butylbenzene	13.176	105	198590	19.725	ug/l	100
86) p-Isopropyltoluene	13.292	119	165197	19.509	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	80338	19.492	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	78736	19.860	ug/l	100
89) n-Butylbenzene	13.615	91	158568	19.794	ug/l	99
90) Hexachloroethane	13.877	117	33297	19.480	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	67855	19.600	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4970	21.200	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	38588	19.296	ug/l	97
94) Hexachlorobutadiene	15.023	225	20554	18.430	ug/l	98
95) Naphthalene	15.145	128	75971	20.019	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	31508	18.573	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022332.D
Acq On : 20 May 2025 10:43
Operator : SY/MD
Sample : VY0520SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

Quant Time: May 21 01:44:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 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\VY052025\
Data File : VY022332.D
Acq On : 20 May 2025 10:43
Operator : SY/MD
Sample : VY0520SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

Quant Time: May 21 01:44:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

