

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022356.D
 Acq On : 21 May 2025 10:35
 Operator : SY/MD
 Sample : VY0521SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

Quant Time: May 22 00:05:20 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	164670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	280143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	238357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	110395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	86818	48.241	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.480%		
35) Dibromofluoromethane	7.640	113	80971	48.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.860%		
50) Toluene-d8	10.115	98	328068	47.907	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.820%		
62) 4-Bromofluorobenzene	12.408	95	98452	45.357	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	34138	19.868	ug/l	98
3) Chloromethane	2.068	50	97076	26.858	ug/l	100
4) Vinyl Chloride	2.208	62	110643	27.399	ug/l	100
5) Bromomethane	2.598	94	122163	37.162	ug/l	99
6) Chloroethane	2.732	64	82714	32.924	ug/l	99
7) Trichlorofluoromethane	3.049	101	101107	24.729	ug/l	98
8) Diethyl Ether	3.464	74	20408	20.799	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	37897	21.351	ug/l	97
10) Methyl Iodide	4.007	142	39030	18.999	ug/l	99
11) Tert butyl alcohol	4.897	59	14356	104.460	ug/l #	100
12) 1,1-Dichloroethene	3.799	96	37155	21.094	ug/l	89
13) Acrolein	3.659	56	12494	62.187	ug/l	95
14) Allyl chloride	4.391	41	57737	18.694	ug/l	96
15) Acrylonitrile	5.067	53	43574	107.777	ug/l	97
16) Acetone	3.885	43	31735	94.042	ug/l	97
17) Carbon Disulfide	4.110	76	116347	20.256	ug/l	99
18) Methyl Acetate	4.391	43	20399	19.173	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	103046	21.217	ug/l	92
20) Methylene Chloride	4.622	84	42530	19.505	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	39956	20.551	ug/l	93
22) Diisopropyl ether	6.025	45	125549	19.249	ug/l	96
23) Vinyl Acetate	5.970	43	382139	96.982	ug/l	97
24) 1,1-Dichloroethane	5.921	63	74003	20.309	ug/l	97
25) 2-Butanone	6.909	43	54351	96.288	ug/l	98
26) 2,2-Dichloropropane	6.890	77	63731	19.664	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	47008	20.952	ug/l	97
28) Bromochloromethane	7.256	49	31153	20.044	ug/l	98
29) Tetrahydrofuran	7.274	42	36661	100.953	ug/l	94
30) Chloroform	7.427	83	72715	20.805	ug/l	97
31) Cyclohexane	7.707	56	70259	19.298	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	64315	20.057	ug/l	99
36) 1,1-Dichloropropene	7.841	75	54176	19.671	ug/l	98
37) Ethyl Acetate	6.994	43	25337	19.120	ug/l	97
38) Carbon Tetrachloride	7.823	117	56336	19.762	ug/l	100
39) Methylcyclohexane	9.115	83	71670	19.370	ug/l	98
40) Benzene	8.085	78	164958	20.204	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022356.D
 Acq On : 21 May 2025 10:35
 Operator : SY/MD
 Sample : VY0521SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

Quant Time: May 22 00:05:20 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	17779m	20.226	ug/l	
42) 1,2-Dichloroethane	8.164	62	45120	20.436	ug/l	100
43) Isopropyl Acetate	8.207	43	56123	19.420	ug/l	98
44) Trichloroethene	8.872	130	40988	20.191	ug/l	98
45) 1,2-Dichloropropane	9.146	63	39052	19.840	ug/l	97
46) Dibromomethane	9.237	93	21913	20.640	ug/l	98
47) Bromodichloromethane	9.426	83	55778	20.252	ug/l	97
48) Methyl methacrylate	9.225	41	25313	18.730	ug/l	95
49) 1,4-Dioxane	9.250	88	4878	406.715	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	136690	96.396	ug/l	98
52) Toluene	10.176	92	103033	19.929	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	52044	19.362	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	61214	19.878	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	28278	20.800	ug/l	98
56) Ethyl methacrylate	10.444	69	41124	19.419	ug/l	98
57) 1,3-Dichloropropane	10.725	76	49500	20.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	80930	85.143	ug/l	99
59) 2-Hexanone	10.768	43	91150	95.872	ug/l	97
60) Dibromochloromethane	10.914	129	36605	20.744	ug/l	98
61) 1,2-Dibromoethane	11.018	107	26112	20.608	ug/l	99
64) Tetrachloroethene	10.652	164	44880	20.371	ug/l	98
65) Chlorobenzene	11.450	112	108362	20.151	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	36004	19.475	ug/l	98
67) Ethyl Benzene	11.524	91	194067	19.270	ug/l	98
68) m/p-Xylenes	11.633	106	146681	38.652	ug/l	98
69) o-Xylene	11.956	106	69558	19.373	ug/l	97
70) Styrene	11.975	104	115812	19.122	ug/l	98
71) Bromoform	12.139	173	19242	19.283	ug/l #	97
73) Isopropylbenzene	12.261	105	181695	19.867	ug/l	99
74) N-amyl acetate	12.078	43	50097	19.152	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	29384	20.891	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	22634m	20.238	ug/l	
77) Bromobenzene	12.536	156	39412	20.177	ug/l	99
78) n-propylbenzene	12.603	91	219624	19.909	ug/l	100
79) 2-Chlorotoluene	12.682	91	118240	19.504	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	143263	19.405	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	10533	19.078	ug/l	98
82) 4-Chlorotoluene	12.779	91	118914	19.071	ug/l	97
83) tert-Butylbenzene	13.005	119	130367	19.867	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	142961	19.507	ug/l	97
85) sec-Butylbenzene	13.182	105	192742	19.787	ug/l	100
86) p-Isopropyltoluene	13.298	119	157967	19.282	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	77746	19.497	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	76937	20.058	ug/l	100
89) n-Butylbenzene	13.621	91	152333	19.655	ug/l	99
90) Hexachloroethane	13.883	117	31863	19.268	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	67362	20.111	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4571	20.154	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	38942	20.127	ug/l	98
94) Hexachlorobutadiene	15.029	225	20290	18.805	ug/l	95
95) Naphthalene	15.151	128	74806	20.374	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	32242	19.644	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022356.D
Acq On : 21 May 2025 10:35
Operator : SY/MD
Sample : VY0521SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
Supervised By :Semsettin Yesilyurt 05/22/2025

Quant Time: May 22 00:05:20 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\VY052125\
 Data File : VY022356.D
 Acq On : 21 May 2025 10:35
 Operator : SY/MD
 Sample : VY0521SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SoIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

Quant Time: May 22 00:05:20 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/22/2025
 Supervised By :Semsettin Yesilyurt 05/22/2025

