

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022999.D
 Acq On : 18 Jul 2025 15:37
 Operator : SY/MD
 Sample : VY0718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Quant Time: Jul 19 02:10:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	436221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	709471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	602809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.341	152	278729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	222189	50.315	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.620%			
35) Dibromofluoromethane	7.628	113	217239	48.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.540%			
50) Toluene-d8	10.103	98	860531	48.217	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.440%			
62) 4-Bromofluorobenzene	12.402	95	263791	46.955	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	75357	20.345	ug/l	98
3) Chloromethane	2.068	50	143349	22.761	ug/l	100
4) Vinyl Chloride	2.202	62	174459	21.864	ug/l	98
5) Bromomethane	2.586	94	137833	23.934	ug/l	99
6) Chloroethane	2.727	64	116439	21.850	ug/l	99
7) Trichlorofluoromethane	3.050	101	199524	21.541	ug/l	97
8) Diethyl Ether	3.452	74	50273	20.738	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	97156	19.967	ug/l	98
10) Methyl Iodide	4.001	142	81242	16.072	ug/l	99
11) Tert butyl alcohol	4.860	59	28396	106.325	ug/l	99
12) 1,1-Dichloroethene	3.781	96	93190	20.105	ug/l	99
13) Acrolein	3.641	56	18970	151.160	ug/l	98
14) Allyl chloride	4.379	41	141428	20.027	ug/l	99
15) Acrylonitrile	5.055	53	96308	104.884	ug/l	99
16) Acetone	3.867	43	83745	104.618	ug/l	95
17) Carbon Disulfide	4.098	76	286780	20.414	ug/l	99
18) Methyl Acetate	4.385	43	50379	18.590	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	225167	20.252	ug/l	99
20) Methylene Chloride	4.610	84	143610	20.608	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	102881	19.939	ug/l	96
22) Diisopropyl ether	6.019	45	309507	20.659	ug/l	99
23) Vinyl Acetate	5.958	43	808040	107.044	ug/l	99
24) 1,1-Dichloroethane	5.909	63	193829	20.598	ug/l	99
25) 2-Butanone	6.897	43	122652	106.806	ug/l	98
26) 2,2-Dichloropropane	6.878	77	161606	19.596	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	119300	20.062	ug/l	98
28) Bromochloromethane	7.244	49	77532	21.243	ug/l	96
29) Tetrahydrofuran	7.262	42	76482	105.194	ug/l	99
30) Chloroform	7.415	83	191909	20.217	ug/l	97
31) Cyclohexane	7.701	56	174472	19.843	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	171608	19.924	ug/l	99
36) 1,1-Dichloropropene	7.835	75	140975	19.887	ug/l	100
37) Ethyl Acetate	6.982	43	54365	20.649	ug/l	97
38) Carbon Tetrachloride	7.817	117	149882	19.461	ug/l	96
39) Methylcyclohexane	9.103	83	178734	19.480	ug/l	99
40) Benzene	8.079	78	425586	19.939	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022999.D
 Acq On : 18 Jul 2025 15:37
 Operator : SY/MD
 Sample : VY0718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 19 02:10:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	29307	20.434	ug/l	96
42) 1,2-Dichloroethane	8.152	62	108352	20.404	ug/l	99
43) Isopropyl Acetate	8.195	43	111756	21.370	ug/l #	86
44) Trichloroethene	8.860	130	107207	19.555	ug/l	98
45) 1,2-Dichloropropane	9.140	63	97977	19.657	ug/l	100
46) Dibromomethane	9.231	93	52396	20.337	ug/l	99
47) Bromodichloromethane	9.420	83	142366	19.991	ug/l	99
48) Methyl methacrylate	9.219	41	53129	21.043	ug/l	99
49) 1,4-Dioxane	9.225	88	10892m	401.070	ug/l	
51) 4-Methyl-2-Pentanone	9.994	43	279720	105.379	ug/l	99
52) Toluene	10.170	92	263920	19.888	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	119486	19.545	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	144882	19.663	ug/l	96
55) 1,1,2-Trichloroethane	10.567	97	68786	20.313	ug/l	96
56) Ethyl methacrylate	10.439	69	84145	19.906	ug/l	98
57) 1,3-Dichloropropane	10.713	76	118536	20.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	207251	100.158	ug/l	99
59) 2-Hexanone	10.756	43	182559	104.630	ug/l	98
60) Dibromochloromethane	10.908	129	88291	19.911	ug/l	99
61) 1,2-Dibromoethane	11.012	107	61533	20.010	ug/l	98
64) Tetrachloroethene	10.646	164	125172	20.315	ug/l	95
65) Chlorobenzene	11.438	112	274210	19.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	92484	19.062	ug/l	99
67) Ethyl Benzene	11.518	91	489285	19.406	ug/l	97
68) m/p-Xylenes	11.627	106	375895	38.869	ug/l	100
69) o-Xylene	11.951	106	171968	19.161	ug/l	99
70) Styrene	11.969	104	281919	19.177	ug/l	100
71) Bromoform	12.127	173	47203	19.165	ug/l #	99
73) Isopropylbenzene	12.249	105	456033	19.298	ug/l	100
74) N-amyl acetate	12.066	43	93486	20.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	66193	19.356	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61566m	17.726	ug/l	
77) Bromobenzene	12.530	156	97397	19.003	ug/l	97
78) n-propylbenzene	12.591	91	551100	19.583	ug/l	99
79) 2-Chlorotoluene	12.676	91	307709	19.442	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	358710	19.246	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	22618	19.396	ug/l	97
82) 4-Chlorotoluene	12.774	91	314623	19.710	ug/l	99
83) tert-Butylbenzene	12.993	119	315405	18.735	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	356535	19.433	ug/l	99
85) sec-Butylbenzene	13.170	105	486092	19.267	ug/l	99
86) p-Isopropyltoluene	13.286	119	397045	19.377	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	194823	18.836	ug/l	98
88) 1,4-Dichlorobenzene	13.359	146	191774	19.165	ug/l	98
89) n-Butylbenzene	13.615	91	370199	19.579	ug/l	99
90) Hexachloroethane	13.877	117	80585	18.996	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	167090	19.151	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10483	20.645	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	89924	19.553	ug/l	98
94) Hexachlorobutadiene	15.017	225	55423	19.115	ug/l	98
95) Naphthalene	15.139	128	143662	19.476	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	74797	19.697	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
Data File : VY022999.D
Acq On : 18 Jul 2025 15:37
Operator : SY/MD
Sample : VY0718SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 19 02:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Jul 19 02:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

