

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021750.D
 Acq On : 02 Apr 2025 10:57
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

Quant Time: Apr 03 03:34:39 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 :Mahesh Dadoda 04/03/2025
 Supervised By :Semsettin Yesilyurt 04/03/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	215378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	336763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	301471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	158432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122684	52.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.140%	
35) Dibromofluoromethane	7.634	113	115334	52.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.600%	
50) Toluene-d8	10.103	98	441819	53.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	12.408	95	148046	52.666	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	43201	19.352	ug/l	99
3) Chloromethane	2.068	50	60813	19.373	ug/l	100
4) Vinyl Chloride	2.202	62	68256	19.228	ug/l	97
5) Bromomethane	2.586	94	48178	19.899	ug/l	99
6) Chloroethane	2.732	64	44749	19.264	ug/l	98
7) Trichlorofluoromethane	3.049	101	91183	20.051	ug/l	95
8) Diethyl Ether	3.458	74	24590	19.884	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	47636	19.861	ug/l	97
10) Methyl Iodide	4.000	142	49221	18.707	ug/l	98
11) Tert butyl alcohol	4.854	59	14493	95.619	ug/l	99
12) 1,1-Dichloroethene	3.787	96	44737	19.803	ug/l	95
13) Acrolein	3.653	56	19745	71.343	ug/l	98
14) Allyl chloride	4.378	41	69521	19.301	ug/l	99
15) Acrylonitrile	5.055	53	50482	97.766	ug/l	97
16) Acetone	3.866	43	47400	99.249	ug/l	99
17) Carbon Disulfide	4.104	76	140478	18.879	ug/l	100
18) Methyl Acetate	4.385	43	24021	20.294	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	108512	19.293	ug/l	98
20) Methylene Chloride	4.610	84	52852	20.320	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	48636	19.553	ug/l	99
22) Diisopropyl ether	6.018	45	155072	20.523	ug/l	98
23) Vinyl Acetate	5.957	43	428960	97.044	ug/l	100
24) 1,1-Dichloroethane	5.909	63	90426	20.014	ug/l	99
25) 2-Butanone	6.890	43	67098	98.363	ug/l	97
26) 2,2-Dichloropropane	6.884	77	79250	19.719	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	55548	19.858	ug/l	98
28) Bromochloromethane	7.244	49	39400	20.678	ug/l	97
29) Tetrahydrofuran	7.262	42	43156	98.301	ug/l	100
30) Chloroform	7.421	83	93782	19.957	ug/l	99
31) Cyclohexane	7.701	56	77716	18.870	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	83835	19.739	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65999	19.835	ug/l	99
37) Ethyl Acetate	6.982	43	31336	19.955	ug/l	99
38) Carbon Tetrachloride	7.817	117	76632	20.108	ug/l	98
39) Methylcyclohexane	9.109	83	77103	19.397	ug/l	98
40) Benzene	8.079	78	199468	20.018	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021750.D
 Acq On : 02 Apr 2025 10:57
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
 Supervised By :Semsettin Yesilyurt 04/03/2025

Quant Time: Apr 03 03:34:39 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	7.213	41	15933	19.105	ug/l #	100
42) 1,2-Dichloroethane	8.152	62	56309	20.045	ug/l	99
43) Isopropyl Acetate	8.195	43	58268	19.580	ug/l	99
44) Trichloroethene	8.865	130	52917	20.842	ug/l	90
45) 1,2-Dichloropropane	9.140	63	48365	20.505	ug/l	99
46) Dibromomethane	9.231	93	27584	20.292	ug/l	97
47) Bromodichloromethane	9.420	83	72602	20.612	ug/l	98
48) Methyl methacrylate	9.219	41	26435	19.355	ug/l	100
49) 1,4-Dioxane	9.225	88	6231	427.884	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	155769	100.584	ug/l	100
52) Toluene	10.170	92	128488	20.667	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	63094	20.166	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	73990	20.046	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	36994	21.147	ug/l	97
56) Ethyl methacrylate	10.438	69	44073	19.731	ug/l	97
57) 1,3-Dichloropropane	10.719	76	61582	20.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	110463	101.372	ug/l	100
59) 2-Hexanone	10.761	43	102302	99.190	ug/l	100
60) Dibromochloromethane	10.914	129	48821	20.441	ug/l	100
61) 1,2-Dibromoethane	11.011	107	33090	20.164	ug/l	98
64) Tetrachloroethene	10.646	164	58885	21.446	ug/l	98
65) Chlorobenzene	11.444	112	138388	20.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	48928	19.955	ug/l	97
67) Ethyl Benzene	11.517	91	232020	19.579	ug/l	99
68) m/p-Xylenes	11.627	106	182666	40.254	ug/l	99
69) o-Xylene	11.956	106	83692	19.980	ug/l	99
70) Styrene	11.969	104	140569	20.127	ug/l	99
71) Bromoform	12.133	173	29559	21.134	ug/l #	95
73) Isopropylbenzene	12.255	105	219764	18.676	ug/l	99
74) N-amyl acetate	12.072	43	50849	18.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	38303	18.105	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	31178m	19.853	ug/l	
77) Bromobenzene	12.529	156	54040	19.127	ug/l	99
78) n-propylbenzene	12.597	91	271102	19.163	ug/l	100
79) 2-Chlorotoluene	12.682	91	156495	19.045	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	184636	19.198	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13168	19.320	ug/l	97
82) 4-Chlorotoluene	12.779	91	164332	19.183	ug/l	99
83) tert-Butylbenzene	12.999	119	160329	18.717	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	183007	19.253	ug/l	100
85) sec-Butylbenzene	13.176	105	239474	19.129	ug/l	99
86) p-Isopropyltoluene	13.291	119	199409	19.273	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	109526	19.676	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	106740	19.409	ug/l	98
89) n-Butylbenzene	13.621	91	182135	19.034	ug/l	99
90) Hexachloroethane	13.883	117	43198	19.052	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	94460	19.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6695	20.417	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	49538	18.852	ug/l	99
94) Hexachlorobutadiene	15.023	225	33086	20.161	ug/l	95
95) Naphthalene	15.145	128	79110	18.163	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	42262	18.860	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
Data File : VY021750.D
Acq On : 02 Apr 2025 10:57
Operator : SY/MD
Sample : VY0402SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/03/2025
Supervised By :Semsettin Yesilyurt 04/03/2025

Quant Time: Apr 03 03:34:39 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

