

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021546.D
 Acq On : 17 Mar 2025 13:12
 Operator : SY/MD
 Sample : VY0317SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/18/2025
 Supervised By :Semsettin Yesilyurt 03/18/2025

Quant Time: Mar 18 01:26:32 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	219903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	338794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	299964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	155756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119661	51.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.960%	
35) Dibromofluoromethane	7.634	113	113056	50.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.540%	
50) Toluene-d8	10.103	98	423789	50.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.408	95	144304	50.312	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	32776	16.242	ug/l	96
3) Chloromethane	2.068	50	48277	16.969	ug/l	96
4) Vinyl Chloride	2.202	62	56684	18.232	ug/l	97
5) Bromomethane	2.586	94	39983	17.793	ug/l	95
6) Chloroethane	2.732	64	37764	18.380	ug/l	96
7) Trichlorofluoromethane	3.056	101	77327	17.819	ug/l	100
8) Diethyl Ether	3.452	74	21452	17.838	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	44271	17.868	ug/l	99
10) Methyl Iodide	4.001	142	44913	17.833	ug/l	98
11) Tert butyl alcohol	4.848	59	18906	112.736	ug/l #	72
12) 1,1-Dichloroethene	3.787	96	38423	17.010	ug/l	97
13) Acrolein	3.653	56	12750	107.850	ug/l	88
14) Allyl chloride	4.379	41	62873	17.223	ug/l	100
15) Acrylonitrile	5.055	53	48687	95.102	ug/l	100
16) Acetone	3.866	43	60240	118.831	ug/l	97
17) Carbon Disulfide	4.104	76	110858	15.660	ug/l	100
18) Methyl Acetate	4.385	43	22532	20.032	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	102683	17.935	ug/l	99
20) Methylene Chloride	4.610	84	48160	18.098	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	43723	17.284	ug/l	90
22) Diisopropyl ether	6.018	45	141879	18.035	ug/l	99
23) Vinyl Acetate	5.958	43	406268	90.487	ug/l	100
24) 1,1-Dichloroethane	5.909	63	84110	18.115	ug/l	99
25) 2-Butanone	6.896	43	73617	104.980	ug/l	97
26) 2,2-Dichloropropane	6.884	77	74511	17.441	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	50556	17.592	ug/l	99
28) Bromochloromethane	7.244	49	38964	20.017	ug/l	99
29) Tetrahydrofuran	7.262	42	40955	94.603	ug/l	99
30) Chloroform	7.421	83	87417	18.131	ug/l	100
31) Cyclohexane	7.701	56	68851	15.817	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	77460	17.546	ug/l	100
36) 1,1-Dichloropropene	7.835	75	58932	16.906	ug/l	99
37) Ethyl Acetate	6.988	43	29067	18.866	ug/l	99
38) Carbon Tetrachloride	7.817	117	70130	17.493	ug/l	97
39) Methylcyclohexane	9.109	83	68897	16.113	ug/l	95
40) Benzene	8.079	78	180505	17.578	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021546.D
 Acq On : 17 Mar 2025 13:12
 Operator : SY/MD
 Sample : VY0317SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/18/2025
 Supervised By :Semsettin Yesilyurt 03/18/2025

Quant Time: Mar 18 01:26:32 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	7.213	41	15342	18.288	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	52817	18.386	ug/l	100
43) Isopropyl Acetate	8.195	43	56333	18.835	ug/l #	89
44) Trichloroethene	8.866	130	46598	17.958	ug/l	98
45) 1,2-Dichloropropane	9.140	63	43905	17.965	ug/l	98
46) Dibromomethane	9.231	93	25495	18.749	ug/l	98
47) Bromodichloromethane	9.420	83	66316	18.364	ug/l	99
48) Methyl methacrylate	9.219	41	25101	18.276	ug/l	99
49) 1,4-Dioxane	9.225	88	5377	402.858	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	147807	95.779	ug/l	98
52) Toluene	10.170	92	112662	17.402	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	58681	18.444	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	68654	18.175	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	34138	19.192	ug/l	95
56) Ethyl methacrylate	10.438	69	41358	18.231	ug/l	98
57) 1,3-Dichloropropane	10.713	76	58475	18.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	109668	104.722	ug/l	99
59) 2-Hexanone	10.762	43	104581	102.489	ug/l	98
60) Dibromochloromethane	10.914	129	45717	18.747	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30558	18.202	ug/l	99
64) Tetrachloroethene	10.646	164	50211	20.585	ug/l	96
65) Chlorobenzene	11.444	112	126601	17.873	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.518	131	44474	17.759	ug/l	98
67) Ethyl Benzene	11.518	91	213408	17.165	ug/l	99
68) m/p-Xylenes	11.627	106	163262	34.588	ug/l	99
69) o-Xylene	11.956	106	75909	17.449	ug/l	100
70) Styrene	11.969	104	126980	17.595	ug/l	99
71) Bromoform	12.133	173	26283	18.774	ug/l #	100
73) Isopropylbenzene	12.255	105	204413	16.660	ug/l	99
74) N-amyl acetate	12.072	43	46299	17.376	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37964	17.534	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	28030m	17.859	ug/l	
77) Bromobenzene	12.530	156	49501	17.245	ug/l	100
78) n-propylbenzene	12.597	91	248018	16.645	ug/l	99
79) 2-Chlorotoluene	12.682	91	141192	16.572	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	168556	16.905	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11299	16.366	ug/l	98
82) 4-Chlorotoluene	12.779	91	152135	17.243	ug/l	100
83) tert-Butylbenzene	12.999	119	149468	16.804	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	169665	17.138	ug/l	98
85) sec-Butylbenzene	13.176	105	219555	16.590	ug/l	99
86) p-Isopropyltoluene	13.292	119	184520	16.924	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	97835	17.123	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	97134	17.383	ug/l	99
89) n-Butylbenzene	13.615	91	168493	16.736	ug/l	99
90) Hexachloroethane	13.877	117	39160	16.836	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	86355	17.634	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5870	18.099	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	45729	17.096	ug/l	96
94) Hexachlorobutadiene	15.023	225	29255	17.448	ug/l	98
95) Naphthalene	15.145	128	74445	18.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	39971	17.768	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
Data File : VY021546.D
Acq On : 17 Mar 2025 13:12
Operator : SY/MD
Sample : VY0317SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/18/2025
Supervised By :Semsettin Yesilyurt 03/18/2025

Quant Time: Mar 18 01:26:32 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

