

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021630.D
 Acq On : 25 Mar 2025 12:36
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Quant Time: Mar 26 01:35:44 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	176531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	283151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	250065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	132222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103748	55.604	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.200%			
35) Dibromofluoromethane	7.628	113	97464	52.366	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.740%			
50) Toluene-d8	10.109	98	354916	50.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.720%			
62) 4-Bromofluorobenzene	12.408	95	122981	51.304	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	28716	17.726	ug/l	90
3) Chloromethane	2.068	50	43044	18.847	ug/l	100
4) Vinyl Chloride	2.202	62	52141	20.891	ug/l	96
5) Bromomethane	2.586	94	38585	21.390	ug/l	96
6) Chloroethane	2.733	64	38504	23.344	ug/l	89
7) Trichlorofluoromethane	3.056	101	81121	23.286	ug/l	99
8) Diethyl Ether	3.452	74	21743	22.522	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	41416	20.823	ug/l	98
10) Methyl Iodide	4.007	142	37567	18.581	ug/l	98
11) Tert butyl alcohol	4.860	59	15573	116.322	ug/l	97
12) 1,1-Dichloroethene	3.787	96	36270	20.002	ug/l	98
13) Acrolein	3.653	56	7762	81.789	ug/l	95
14) Allyl chloride	4.379	41	60128	20.518	ug/l	99
15) Acrylonitrile	5.061	53	50440	122.733	ug/l	100
16) Acetone	3.867	43	36655	90.072	ug/l	90
17) Carbon Disulfide	4.104	76	91291	16.064	ug/l	98
18) Methyl Acetate	4.385	43	23486	26.010	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	104343	22.703	ug/l	99
20) Methylene Chloride	4.616	84	45582	21.338	ug/l	97
21) trans-1,2-Dichloroethene	5.104	96	40053	19.723	ug/l	90
22) Diisopropyl ether	6.013	45	142346	22.539	ug/l	99
23) Vinyl Acetate	5.958	43	399928	110.960	ug/l	100
24) 1,1-Dichloroethane	5.915	63	81980	21.994	ug/l	99
25) 2-Butanone	6.890	43	60496	107.464	ug/l	97
26) 2,2-Dichloropropane	6.878	77	66852	19.493	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	49092	21.279	ug/l	97
28) Bromochloromethane	7.238	49	33797	21.628	ug/l	100
29) Tetrahydrofuran	7.256	42	41514	119.454	ug/l	98
30) Chloroform	7.415	83	86531	22.357	ug/l	99
31) Cyclohexane	7.701	56	62315	17.833	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	75843	21.401	ug/l	99
36) 1,1-Dichloropropene	7.829	75	56805	19.498	ug/l	99
37) Ethyl Acetate	6.982	43	29583	22.974	ug/l	99
38) Carbon Tetrachloride	7.811	117	68871	20.555	ug/l	99
39) Methylcyclohexane	9.110	83	62410	17.464	ug/l	99
40) Benzene	8.079	78	171451	19.978	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021630.D
 Acq On : 25 Mar 2025 12:36
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Quant Time: Mar 26 01:35:44 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
 Supervised By :Semsettin Yesilyurt 03/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	15644	22.312	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	52741	21.967	ug/l	100
43) Isopropyl Acetate	8.195	43	56559	22.626	ug/l #	87
44) Trichloroethene	8.866	130	44397	20.472	ug/l	93
45) 1,2-Dichloropropane	9.140	63	44210	21.645	ug/l	99
46) Dibromomethane	9.231	93	26168	23.025	ug/l	97
47) Bromodichloromethane	9.420	83	66249	21.950	ug/l	98
48) Methyl methacrylate	9.219	41	25028	21.804	ug/l	98
49) 1,4-Dioxane	9.225	88	5816	521.380	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	152367	118.137	ug/l	99
52) Toluene	10.170	92	111579	20.622	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	55655	20.930	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	66554	21.081	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	34878	23.461	ug/l	97
56) Ethyl methacrylate	10.439	69	41111	21.683	ug/l	98
57) 1,3-Dichloropropane	10.713	76	57134	22.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	96365	110.101	ug/l	99
59) 2-Hexanone	10.762	43	98176	115.120	ug/l	99
60) Dibromochloromethane	10.914	129	46468	22.800	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30921	22.038	ug/l	100
64) Tetrachloroethene	10.646	164	49319	24.254	ug/l	98
65) Chlorobenzene	11.444	112	121952	20.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	45445	21.767	ug/l	98
67) Ethyl Benzene	11.518	91	205518	19.829	ug/l	99
68) m/p-Xylenes	11.627	106	158750	40.343	ug/l	100
69) o-Xylene	11.957	106	73638	20.305	ug/l	99
70) Styrene	11.969	104	125265	20.821	ug/l	99
71) Bromoform	12.133	173	27077	23.201	ug/l #	100
73) Isopropylbenzene	12.255	105	203137	19.503	ug/l	100
74) N-amyl acetate	12.072	43	46989	20.774	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	39089	21.267	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	29359m	22.035	ug/l	
77) Bromobenzene	12.536	156	49214	20.197	ug/l	99
78) n-propylbenzene	12.597	91	246203	19.464	ug/l	100
79) 2-Chlorotoluene	12.682	91	144142	19.929	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	167672	19.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11184	19.082	ug/l	97
82) 4-Chlorotoluene	12.780	91	151082	20.172	ug/l	98
83) tert-Butylbenzene	12.999	119	148747	19.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	167186	19.894	ug/l	100
85) sec-Butylbenzene	13.176	105	224835	20.013	ug/l	99
86) p-Isopropyltoluene	13.292	119	185291	20.019	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	99696	20.554	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	98800	20.828	ug/l	100
89) n-Butylbenzene	13.621	91	169151	19.791	ug/l	100
90) Hexachloroethane	13.877	117	41721	21.130	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	89456	21.518	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6323	22.966	ug/l	92
93) 1,2,4-Trichlorobenzene	14.926	180	48445	21.335	ug/l	98
94) Hexachlorobutadiene	15.023	225	30799	21.638	ug/l	99
95) Naphthalene	15.145	128	78521	22.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	41642	21.805	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021630.D
Acq On : 25 Mar 2025 12:36
Operator : SY/MD
Sample : VY0325SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/26/2025
Supervised By :Semsettin Yesilyurt 03/26/2025

Quant Time: Mar 26 01:35:44 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

