

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021001.D
 Acq On : 31 Jan 2025 10:46
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Quant Time: Jan 31 22:21:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	219188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	316060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	271150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	138168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	80477	43.124	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	86.240%	
35) Dibromofluoromethane	7.646	113	83444	43.916	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	87.840%	
50) Toluene-d8	10.115	98	318309	42.921	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	85.840%	
62) 4-Bromofluorobenzene	12.414	95	109143	43.858	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	87.720%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	34125	18.310	ug/l	98
3) Chloromethane	2.074	50	18910	15.959	ug/l	95
4) Vinyl Chloride	2.214	62	20254	16.578	ug/l	98
5) Bromomethane	2.604	94	14241	17.219	ug/l	90
6) Chloroethane	2.745	64	11383	15.950	ug/l	93
7) Trichlorofluoromethane	3.068	101	54675	18.545	ug/l	95
8) Diethyl Ether	3.464	74	16889	19.188	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	36711	18.491	ug/l	98
10) Methyl Iodide	4.019	142	37025	16.297	ug/l	100
11) Tert butyl alcohol	4.866	59	13767	100.989	ug/l	96
12) 1,1-Dichloroethene	3.799	96	34412	18.548	ug/l	95
13) Acrolein	3.665	56	17226	109.732	ug/l	99
14) Allyl chloride	4.397	41	44788	17.535	ug/l	99
15) Acrylonitrile	5.074	53	34005	93.924	ug/l	98
16) Acetone	3.873	43	24531	96.444	ug/l	90
17) Carbon Disulfide	4.116	76	100462	17.581	ug/l	100
18) Methyl Acetate	4.397	43	16671	18.731	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	82445	19.092	ug/l	99
20) Methylene Chloride	4.628	84	35040	18.678	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	36529	18.364	ug/l	96
22) Diisopropyl ether	6.031	45	94519	18.154	ug/l	99
23) Vinyl Acetate	5.976	43	264012	91.568	ug/l	95
24) 1,1-Dichloroethane	5.927	63	60197	17.922	ug/l	100
25) 2-Butanone	6.902	43	39249	90.960	ug/l	94
26) 2,2-Dichloropropane	6.896	77	59401	17.962	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	42452	18.567	ug/l	97
28) Bromochloromethane	7.256	49	23779	19.002	ug/l	96
29) Tetrahydrofuran	7.274	42	26863	92.516	ug/l	97
30) Chloroform	7.433	83	67174	18.465	ug/l	98
31) Cyclohexane	7.707	56	56695	17.269	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	66158	18.791	ug/l	99
36) 1,1-Dichloropropene	7.841	75	48543	17.908	ug/l	98
37) Ethyl Acetate	6.988	43	18466	18.273	ug/l #	96
38) Carbon Tetrachloride	7.823	117	63622	18.966	ug/l	97
39) Methylcyclohexane	9.115	83	63460	17.427	ug/l	96
40) Benzene	8.091	78	146733	18.397	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021001.D
 Acq On : 31 Jan 2025 10:46
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Quant Time: Jan 31 22:21:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	10366	18.539	ug/l	93
42) 1,2-Dichloroethane	8.164	62	38336	18.952	ug/l	97
43) Isopropyl Acetate	8.207	43	36636	18.146	ug/l #	82
44) Trichloroethene	8.872	130	41156	18.700	ug/l	92
45) 1,2-Dichloropropane	9.146	63	31670	17.715	ug/l	97
46) Dibromomethane	9.237	93	19494	18.738	ug/l	99
47) Bromodichloromethane	9.432	83	50693	18.555	ug/l #	95
48) Methyl methacrylate	9.225	41	17074	17.763	ug/l	94
49) 1,4-Dioxane	9.237	88	4345	393.040	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	94633	91.221	ug/l	98
52) Toluene	10.176	92	95555	18.457	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	45832	18.538	ug/l	94
54) cis-1,3-Dichloropropene	9.865	75	53636	18.151	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	26604	19.229	ug/l	96
56) Ethyl methacrylate	10.444	69	33417	18.478	ug/l	97
57) 1,3-Dichloropropane	10.725	76	42761	18.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	73769	96.105	ug/l	96
59) 2-Hexanone	10.768	43	61899	91.796	ug/l	98
60) Dibromochloromethane	10.920	129	37317	18.917	ug/l	96
61) 1,2-Dibromoethane	11.024	107	25663	19.420	ug/l	98
64) Tetrachloroethene	10.652	164	37692	18.428	ug/l	96
65) Chlorobenzene	11.450	112	105768	18.514	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.524	131	38328	18.904	ug/l	99
67) Ethyl Benzene	11.524	91	182865	18.487	ug/l	100
68) m/p-Xylenes	11.633	106	139228	36.636	ug/l	98
69) o-Xylene	11.963	106	66070	18.702	ug/l	99
70) Styrene	11.975	104	110718	18.876	ug/l	99
71) Bromoform	12.139	173	23475	19.645	ug/l #	98
73) Isopropylbenzene	12.261	105	177342	18.275	ug/l	99
74) N-amyl acetate	12.078	43	30669	17.356	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	29207	18.646	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	21501m	19.658	ug/l	
77) Bromobenzene	12.542	156	43158	18.759	ug/l	98
78) n-propylbenzene	12.603	91	208685	18.349	ug/l	99
79) 2-Chlorotoluene	12.688	91	119160	18.390	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	147429	18.544	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	9606	18.231	ug/l	94
82) 4-Chlorotoluene	12.786	91	123402	18.608	ug/l	100
83) tert-Butylbenzene	13.005	119	133190	18.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	146737	18.895	ug/l	99
85) sec-Butylbenzene	13.182	105	191584	18.353	ug/l	98
86) p-Isopropyltoluene	13.298	119	163287	18.613	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	84760	18.895	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	82639	18.552	ug/l	98
89) n-Butylbenzene	13.627	91	140411	17.869	ug/l	99
90) Hexachloroethane	13.889	117	32082	18.077	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	73071	18.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4222	17.507	ug/l	91
93) 1,2,4-Trichlorobenzene	14.931	180	41991	17.531	ug/l	99
94) Hexachlorobutadiene	15.035	225	29704	17.906	ug/l	100
95) Naphthalene	15.151	128	68864	18.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	35875	18.610	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021001.D
Acq On : 31 Jan 2025 10:46
Operator : SY/MD
Sample : VY0131SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

Quant Time: Jan 31 22:21:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

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

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

