

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020983.D
 Acq On : 30 Jan 2025 13:56
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Quant Time: Jan 31 04:40:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2025
 Supervised By : Mahesh Dadoda 01/31/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	221527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	320476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	275335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	141435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	91031	48.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.640	113	94802	49.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.109	98	370103	49.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.413	95	127653	50.590	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	101.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	40614	21.561	ug/l	99
3) Chloromethane	2.074	50	24681	20.610	ug/l	96
4) Vinyl Chloride	2.208	62	25016	20.260	ug/l	99
5) Bromomethane	2.598	94	18115	21.672	ug/l	95
6) Chloroethane	2.738	64	14167	19.641	ug/l	100
7) Trichlorofluoromethane	3.067	101	63178	21.202	ug/l	99
8) Diethyl Ether	3.464	74	20314	22.836	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.817	101	44192	22.025	ug/l	97
10) Methyl Iodide	4.012	142	46013	20.040	ug/l	98
11) Tert butyl alcohol	4.866	59	14777	107.253	ug/l	96
12) 1,1-Dichloroethene	3.793	96	39932	21.296	ug/l	98
13) Acrolein	3.653	56	18309	115.399	ug/l	99
14) Allyl chloride	4.390	41	54099	20.957	ug/l	100
15) Acrylonitrile	5.067	53	39132	106.944	ug/l	98
16) Acetone	3.872	43	26227	102.023	ug/l	99
17) Carbon Disulfide	4.110	76	120998	20.951	ug/l	99
18) Methyl Acetate	4.396	43	19004	21.127	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	95600	21.904	ug/l	100
20) Methylene Chloride	4.628	84	41803	22.048	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	44524	22.147	ug/l	96
22) Diisopropyl ether	6.024	45	113353	21.542	ug/l	98
23) Vinyl Acetate	5.969	43	311537	106.910	ug/l	98
24) 1,1-Dichloroethane	5.927	63	72082	21.234	ug/l	99
25) 2-Butanone	6.902	43	46296	106.158	ug/l	97
26) 2,2-Dichloropropane	6.890	77	71016	21.248	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	49979	21.629	ug/l	99
28) Bromochloromethane	7.256	49	25724	20.339	ug/l	96
29) Tetrahydrofuran	7.262	42	29790	101.513	ug/l	96
30) Chloroform	7.426	83	77833	21.169	ug/l	100
31) Cyclohexane	7.707	56	67472	20.335	ug/l #	94
32) 1,1,1-Trichloroethane	7.621	97	76705	21.557	ug/l	99
36) 1,1-Dichloropropene	7.841	75	58738	21.371	ug/l	99
37) Ethyl Acetate	6.987	43	20849	20.346	ug/l	98
38) Carbon Tetrachloride	7.823	117	74980	22.044	ug/l	99
39) Methylcyclohexane	9.115	83	80944	21.922	ug/l	99
40) Benzene	8.085	78	174048	21.521	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020983.D
 Acq On : 30 Jan 2025 13:56
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Quant Time: Jan 31 04:40:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2025
 Supervised By : Mahesh Dadoda 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	10617	18.726	ug/l #	89
42) 1,2-Dichloroethane	8.164	62	44640	21.764	ug/l	99
43) Isopropyl Acetate	8.201	43	43205	21.105	ug/l #	84
44) Trichloroethene	8.871	130	48308	21.647	ug/l	100
45) 1,2-Dichloropropane	9.146	63	37960	20.941	ug/l	100
46) Dibromomethane	9.237	93	22693	21.512	ug/l	100
47) Bromodichloromethane	9.426	83	58584	21.147	ug/l	94
48) Methyl methacrylate	9.225	41	20122	20.646	ug/l	96
49) 1,4-Dioxane	9.231	88	4592	409.659	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	110081	104.650	ug/l	98
52) Toluene	10.176	92	113729	21.664	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	54453	21.721	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	63584	21.222	ug/l	99
55) 1,1,2-Trichloroethane	10.578	97	31040	22.126	ug/l	95
56) Ethyl methacrylate	10.444	69	38894	21.210	ug/l	99
57) 1,3-Dichloropropane	10.725	76	51306	21.577	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	87272	112.130	ug/l	100
59) 2-Hexanone	10.767	43	70840	103.608	ug/l	98
60) Dibromochloromethane	10.914	129	42883	21.439	ug/l	99
61) 1,2-Dibromoethane	11.017	107	29169	21.769	ug/l	98
64) Tetrachloroethene	10.651	164	45311	21.816	ug/l	98
65) Chlorobenzene	11.444	112	126856	21.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	45856	22.273	ug/l	97
67) Ethyl Benzene	11.523	91	218359	21.740	ug/l	98
68) m/p-Xylenes	11.633	106	170226	44.112	ug/l	100
69) o-Xylene	11.962	106	80127	22.336	ug/l	99
70) Styrene	11.974	104	132071	22.174	ug/l	100
71) Bromoform	12.139	173	26605	21.926	ug/l #	100
73) Isopropylbenzene	12.261	105	215780	21.723	ug/l	99
74) N-ethyl acetate	12.078	43	37821	20.910	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	33847	21.109	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	24144m	21.564	ug/l	
77) Bromobenzene	12.535	156	50989	21.651	ug/l	99
78) n-propylbenzene	12.602	91	253257	21.754	ug/l	100
79) 2-Chlorotoluene	12.688	91	143024	21.563	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	178349	21.915	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	11351	21.045	ug/l	98
82) 4-Chlorotoluene	12.785	91	149008	21.950	ug/l	100
83) tert-Butylbenzene	13.005	119	167210	22.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	177038	22.270	ug/l	100
85) sec-Butylbenzene	13.181	105	235880	22.074	ug/l	99
86) p-Isopropyltoluene	13.297	119	200025	22.274	ug/l	100
87) 1,3-Dichlorobenzene	13.297	146	99304	21.626	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	98935	21.697	ug/l	99
89) n-Butylbenzene	13.620	91	174428	21.686	ug/l	100
90) Hexachloroethane	13.889	117	38954	21.442	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	85976	21.470	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5391	21.839	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	51887	21.162	ug/l	99
94) Hexachlorobutadiene	15.035	225	36428	21.452	ug/l	99
95) Naphthalene	15.151	128	81634	21.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	44222	21.491	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
Data File : VY020983.D
Acq On : 30 Jan 2025 13:56
Operator : SY/MD
Sample : VY0130SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

Quant Time: Jan 31 04:40:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 02:19:37 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
Data File : VY020983.D
Acq On : 30 Jan 2025 13:56
Operator : SY/MD
Sample : VY0130SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

Quant Time: Jan 31 04:40:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 02:19:37 2025
Response via : Initial Calibration

