

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020906.D
 Acq On : 23 Jan 2025 09:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 24 00:14:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025
 Supervised By :Mahesh Dadoda 01/24/2025

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

Internal Standards						
1) Pentafluorobenzene	7.732	168	236973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	342188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	284122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	135626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	95983	47.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.300%
35) Dibromofluoromethane	7.659	113	107298	50.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.128	98	399823	53.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.000%
62) 4-Bromofluorobenzene	12.426	95	133679	48.439	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	73926	42.508	ug/l	98
3) Chloromethane	2.080	50	48849	53.346	ug/l	98
4) Vinyl Chloride	2.220	62	61304	60.223	ug/l	99
5) Bromomethane	2.623	94	34498	47.581	ug/l	99
6) Chloroethane	2.757	64	36420	58.012	ug/l	99
7) Trichlorofluoromethane	3.086	101	159079	50.917	ug/l	97
8) Diethyl Ether	3.482	74	47739	48.862	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.848	101	109191	51.753	ug/l	98
10) Methyl Iodide	4.037	142	132985	58.816	ug/l	95
11) Tert butyl alcohol	4.915	59	28425	186.764	ug/l #	73
12) 1,1-Dichloroethene	3.818	96	92572	50.094	ug/l	96
13) Acrolein	3.684	56	10530	246.364	ug/l	99
14) Allyl chloride	4.415	41	139144	52.190	ug/l	95
15) Acrylonitrile	5.098	53	103938	250.311	ug/l	99
16) Acetone	3.903	43	68899	240.550	ug/l	99
17) Carbon Disulfide	4.141	76	189494	47.268	ug/l	97
18) Methyl Acetate	4.421	43	52036	53.806	ug/l	96
19) Methyl tert-butyl Ether	5.153	73	248411	47.631	ug/l	97
20) Methylene Chloride	4.653	84	96597	48.834	ug/l	97
21) trans-1,2-Dichloroethene	5.153	96	100130	49.202	ug/l	98
22) Diisopropyl ether	6.049	45	311470	54.842	ug/l	98
23) Vinyl Acetate	5.988	43	824070	263.160	ug/l	98
24) 1,1-Dichloroethane	5.952	63	193759	51.710	ug/l	99
25) 2-Butanone	6.921	43	115463	245.407	ug/l	97
26) 2,2-Dichloropropane	6.915	77	189464	48.700	ug/l	99
27) cis-1,2-Dichloroethene	6.921	96	128623	50.094	ug/l	100
28) Bromochloromethane	7.274	49	54438	53.841	ug/l	93
29) Tetrahydrofuran	7.293	42	75917	252.591	ug/l	96
30) Chloroform	7.445	83	209221	48.962	ug/l	98
31) Cyclohexane	7.726	56	144983	49.468	ug/l	98
32) 1,1,1-Trichloroethane	7.646	97	199085	47.764	ug/l	99
36) 1,1-Dichloropropene	7.860	75	141326	51.685	ug/l	100
37) Ethyl Acetate	7.012	43	56314	51.752	ug/l	97
38) Carbon Tetrachloride	7.848	117	185192	48.654	ug/l	100
39) Methylcyclohexane	9.128	83	173745	51.780	ug/l	97
40) Benzene	8.104	78	432427	51.527	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020906.D
 Acq On : 23 Jan 2025 09:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 24 00:14:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025
 Supervised By :Mahesh Dadoda 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	35768	57.396	ug/l	94
42) 1,2-Dichloroethane	8.183	62	111362	48.591	ug/l	99
43) Isopropyl Acetate	8.219	43	112757	50.946	ug/l	99
44) Trichloroethene	8.890	130	119164	50.936	ug/l	94
45) 1,2-Dichloropropane	9.164	63	104492	54.923	ug/l	99
46) Dibromomethane	9.256	93	55967	51.228	ug/l	99
47) Bromodichloromethane	9.445	83	159788	51.069	ug/l	98
48) Methyl methacrylate	9.238	41	52319	52.728	ug/l	97
49) 1,4-Dioxane	9.262	88	9864	850.385	ug/l #	74
51) 4-Methyl-2-Pentanone	10.018	43	288110	260.566	ug/l	99
52) Toluene	10.189	92	287370	51.710	ug/l	100
53) t-1,3-Dichloropropene	10.414	75	142763	51.301	ug/l	99
54) cis-1,3-Dichloropropene	9.878	75	167579	51.851	ug/l	97
55) 1,1,2-Trichloroethane	10.591	97	80160	51.359	ug/l	98
56) Ethyl methacrylate	10.457	69	102209	51.853	ug/l	98
57) 1,3-Dichloropropane	10.737	76	133887	52.626	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.731	63	189883	242.828	ug/l	98
59) 2-Hexanone	10.780	43	185243	261.139	ug/l	98
60) Dibromochloromethane	10.932	129	114866	50.744	ug/l	100
61) 1,2-Dibromoethane	11.030	107	72502	51.742	ug/l	99
64) Tetrachloroethene	10.664	164	105595	50.550	ug/l	99
65) Chlorobenzene	11.463	112	318439	50.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.536	131	117504	49.135	ug/l	97
67) Ethyl Benzene	11.536	91	561011	51.582	ug/l	99
68) m/p-Xylenes	11.646	106	423750	101.196	ug/l	98
69) o-Xylene	11.975	106	199771	50.316	ug/l	97
70) Styrene	11.987	104	337722	50.532	ug/l	99
71) Bromoform	12.152	173	67085	49.346	ug/l #	99
73) Isopropylbenzene	12.274	105	556877	51.757	ug/l	100
74) N-amyl acetate	12.085	43	93912	53.360	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.524	83	86356	52.955	ug/l	100
76) 1,2,3-Trichloropropane	12.572	75	62331m	52.525	ug/l	
77) Bromobenzene	12.554	156	126542	51.011	ug/l	99
78) n-propylbenzene	12.615	91	638776	52.305	ug/l	99
79) 2-Chlorotoluene	12.700	91	361227	51.363	ug/l	100
80) 1,3,5-Trimethylbenzene	12.755	105	442866	50.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.322	75	29166	51.822	ug/l	98
82) 4-Chlorotoluene	12.798	91	369138	50.861	ug/l	100
83) tert-Butylbenzene	13.017	119	418407	51.304	ug/l	96
84) 1,2,4-Trimethylbenzene	13.060	105	429117	50.395	ug/l	99
85) sec-Butylbenzene	13.194	105	587495	51.573	ug/l	99
86) p-Isopropyltoluene	13.310	119	487817	50.199	ug/l	99
87) 1,3-Dichlorobenzene	13.304	146	240911	49.981	ug/l	100
88) 1,4-Dichlorobenzene	13.383	146	236652	49.878	ug/l	99
89) n-Butylbenzene	13.633	91	432129	51.258	ug/l	99
90) Hexachloroethane	13.901	117	97463	49.948	ug/l	100
91) 1,2-Dichlorobenzene	13.676	146	208110	49.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	11678	44.289	ug/l	97
93) 1,2,4-Trichlorobenzene	14.938	180	117267	48.350	ug/l	100
94) Hexachlorobutadiene	15.041	225	80033	46.808	ug/l	99
95) Naphthalene	15.163	128	191541	47.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.352	180	97548	48.006	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
Data File : VY020906.D
Acq On : 23 Jan 2025 09:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025

Quant Time: Jan 24 00:14:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

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

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

Manual Integrations APPROVED

Quant Time: Jan 24 00:14:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MMSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

