

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020787.D
 Acq On : 06 Jan 2025 16:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 07 02:04:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/07/2025
 Supervised By :Semsettin Yesilyurt 01/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	180336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	265429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	227071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	111829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	85596	55.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.680%
35) Dibromofluoromethane	7.640	113	88600	53.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.560%
50) Toluene-d8	10.115	98	338623	58.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.820%
62) 4-Bromofluorobenzene	12.414	95	115743	54.068	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	108.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	58540	44.232	ug/l	98
3) Chloromethane	2.074	50	34055	48.870	ug/l	99
4) Vinyl Chloride	2.214	62	38258	49.387	ug/l	99
5) Bromomethane	2.605	94	26822	48.612	ug/l	100
6) Chloroethane	2.745	64	24062	50.365	ug/l	95
7) Trichlorofluoromethane	3.074	101	110378	46.425	ug/l	96
8) Diethyl Ether	3.464	74	36487	49.074	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	74422	46.352	ug/l	99
10) Methyl Iodide	4.019	142	83097	48.294	ug/l	98
11) Tert butyl alcohol	4.872	59	23606	203.813	ug/l #	85
12) 1,1-Dichloroethene	3.806	96	67980	48.339	ug/l	98
13) Acrolein	3.665	56	4417	135.798	ug/l	97
14) Allyl chloride	4.397	41	100029	49.302	ug/l	97
15) Acrylonitrile	5.068	53	75356	238.474	ug/l	99
16) Acetone	3.879	43	50017	229.471	ug/l	99
17) Carbon Disulfide	4.123	76	154393	50.607	ug/l	97
18) Methyl Acetate	4.397	43	35991	48.903	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	187153	47.156	ug/l	96
20) Methylene Chloride	4.629	84	73924	49.109	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	75173	48.540	ug/l	99
22) Diisopropyl ether	6.031	45	218192	50.484	ug/l	99
23) Vinyl Acetate	5.970	43	587873	246.692	ug/l	98
24) 1,1-Dichloroethane	5.933	63	138065	48.418	ug/l	99
25) 2-Butanone	6.909	43	84910	237.147	ug/l	100
26) 2,2-Dichloropropane	6.896	77	135552	45.785	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	93376	47.788	ug/l	99
28) Bromochloromethane	7.256	49	36827	47.862	ug/l	97
29) Tetrahydrofuran	7.274	42	55724	243.634	ug/l	97
30) Chloroform	7.433	83	151921	46.719	ug/l	98
31) Cyclohexane	7.713	56	102592	45.997	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	146684	46.245	ug/l	100
36) 1,1-Dichloropropene	7.848	75	99535	46.928	ug/l	99
37) Ethyl Acetate	6.994	43	41174	48.781	ug/l	98
38) Carbon Tetrachloride	7.829	117	137054	46.420	ug/l	98
39) Methylcyclohexane	9.116	83	124901	47.988	ug/l	99
40) Benzene	8.085	78	316266	48.584	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020787.D
 Acq On : 06 Jan 2025 16:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 07 02:04:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/07/2025
 Supervised By :Semsettin Yesilyurt 01/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	22614	46.782	ug/l	93
42) 1,2-Dichloroethane	8.165	62	84721	47.657	ug/l	99
43) Isopropyl Acetate	8.201	43	82750	48.201	ug/l #	88
44) Trichloroethene	8.872	130	86716	47.786	ug/l	100
45) 1,2-Dichloropropane	9.146	63	72446	49.091	ug/l	96
46) Dibromomethane	9.238	93	41267	48.697	ug/l	96
47) Bromodichloromethane	9.433	83	115728	47.684	ug/l	97
48) Methyl methacrylate	9.225	41	37165	48.288	ug/l	97
49) 1,4-Dioxane	9.238	88	9029	1003.502	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	206747	241.054	ug/l	100
52) Toluene	10.176	92	208348	48.333	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	104339	48.337	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	122336	48.799	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	57324	47.349	ug/l	94
56) Ethyl methacrylate	10.445	69	75716	49.521	ug/l	98
57) 1,3-Dichloropropane	10.725	76	95923	48.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	132130	217.836	ug/l	99
59) 2-Hexanone	10.768	43	134952	245.259	ug/l	98
60) Dibromochloromethane	10.920	129	83851	47.755	ug/l	100
61) 1,2-Dibromoethane	11.024	107	51970	47.815	ug/l	99
64) Tetrachloroethene	10.652	164	76261	45.680	ug/l	98
65) Chlorobenzene	11.451	112	237718	47.349	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	88395	46.250	ug/l	100
67) Ethyl Benzene	11.524	91	409398	47.100	ug/l	99
68) m/p-Xylenes	11.633	106	311398	93.049	ug/l	100
69) o-Xylene	11.963	106	149158	47.007	ug/l	99
70) Styrene	11.975	104	255545	47.843	ug/l	99
71) Bromoform	12.139	173	49535	45.591	ug/l #	100
73) Isopropylbenzene	12.261	105	409702	46.181	ug/l	100
74) N-amyl acetate	12.078	43	70126	48.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	60500	44.994	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	48026m	49.082	ug/l	
77) Bromobenzene	12.542	156	94238	46.073	ug/l	99
78) n-propylbenzene	12.603	91	469369	46.612	ug/l	100
79) 2-Chlorotoluene	12.688	91	269104	46.407	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	335241	46.628	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	21981	47.367	ug/l	98
82) 4-Chlorotoluene	12.786	91	276863	46.265	ug/l	100
83) tert-Butylbenzene	13.005	119	308753	45.915	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	328569	46.798	ug/l	99
85) sec-Butylbenzene	13.182	105	434912	46.303	ug/l	100
86) p-Isopropyltoluene	13.298	119	372456	46.484	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	183002	46.046	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	180609	46.166	ug/l	100
89) n-Butylbenzene	13.627	91	325355	46.805	ug/l	99
90) Hexachloroethane	13.889	117	72330	44.956	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	158444	45.596	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9306	42.803	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	94957	47.483	ug/l	99
94) Hexachlorobutadiene	15.035	225	66895	47.449	ug/l	100
95) Naphthalene	15.157	128	152242	46.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	78399	46.793	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020787.D
Acq On : 06 Jan 2025 16:48
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/07/2025
Supervised By :Semsettin Yesilyurt 01/07/2025

Quant Time: Jan 07 02:04:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

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

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

Reviewed By :Mahesh Dadoda 01/07/2025
Supervised By :Semsettin Yesilyurt 01/07/2025