

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020840.D
 Acq On : 15 Jan 2025 18:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:02:00 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)

Internal Standards						
1) Pentafluorobenzene	7.713	168	200944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	310332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	270714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	139328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	94298	55.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.420%
35) Dibromofluoromethane	7.640	113	98232	50.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.109	98	361375	53.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.408	95	129300	51.662	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	57347	38.887	ug/l	99
3) Chloromethane	2.074	50	39519	50.895	ug/l	98
4) Vinyl Chloride	2.208	62	43031	49.851	ug/l	94
5) Bromomethane	2.604	94	30118	48.988	ug/l	99
6) Chloroethane	2.739	64	27656	51.951	ug/l	93
7) Trichlorofluoromethane	3.068	101	113048	42.671	ug/l	96
8) Diethyl Ether	3.458	74	45195	54.552	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	81657	45.642	ug/l	97
10) Methyl Iodide	4.013	142	92670	48.335	ug/l	96
11) Tert butyl alcohol	4.872	59	34510	267.400	ug/l	99
12) 1,1-Dichloroethene	3.793	96	73828	47.114	ug/l	97
13) Acrolein	3.659	56	7135	196.864	ug/l	96
14) Allyl chloride	4.391	41	116019	51.319	ug/l	93
15) Acrylonitrile	5.067	53	105994	301.031	ug/l	99
16) Acetone	3.879	43	69216	284.986	ug/l	98
17) Carbon Disulfide	4.116	76	165052	48.553	ug/l	100
18) Methyl Acetate	4.391	43	53060	64.702	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	237075	53.608	ug/l	99
20) Methylene Chloride	4.622	84	86966	51.848	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	82901	48.040	ug/l	97
22) Diisopropyl ether	6.025	45	268928	55.842	ug/l	97
23) Vinyl Acetate	5.964	43	767934	289.204	ug/l	97
24) 1,1-Dichloroethane	5.927	63	159087	50.069	ug/l	99
25) 2-Butanone	6.902	43	122880	307.998	ug/l	98
26) 2,2-Dichloropropane	6.890	77	137971	41.823	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	108350	49.764	ug/l	99
28) Bromochloromethane	7.250	49	54531	63.603	ug/l	95
29) Tetrahydrofuran	7.268	42	81722	320.657	ug/l	96
30) Chloroform	7.427	83	174856	48.257	ug/l	97
31) Cyclohexane	7.707	56	112148	45.125	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	157439	44.545	ug/l	99
36) 1,1-Dichloropropene	7.841	75	110251	44.459	ug/l	99
37) Ethyl Acetate	6.988	43	56919	57.678	ug/l	99
38) Carbon Tetrachloride	7.823	117	142491	41.279	ug/l	97
39) Methylcyclohexane	9.109	83	134832	44.308	ug/l	97
40) Benzene	8.085	78	361232	47.462	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020840.D
 Acq On : 15 Jan 2025 18:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 16 01:02:00 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 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	34539	61.114	ug/l	92
42) 1,2-Dichloroethane	8.158	62	101177	48.679	ug/l	98
43) Isopropyl Acetate	8.201	43	114427	57.008	ug/l	98
44) Trichloroethene	8.865	130	97089	45.761	ug/l	98
45) 1,2-Dichloropropane	9.146	63	87560	50.747	ug/l	100
46) Dibromomethane	9.231	93	51572	52.051	ug/l	99
47) Bromodichloromethane	9.426	83	137227	48.361	ug/l	100
48) Methyl methacrylate	9.225	41	51602	57.344	ug/l	99
49) 1,4-Dioxane	9.237	88	12446	1183.124	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	299706	298.877	ug/l	100
52) Toluene	10.176	92	236270	46.880	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	126339	50.060	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	145356	49.592	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	73278	51.769	ug/l	95
56) Ethyl methacrylate	10.438	69	103788	58.059	ug/l	95
57) 1,3-Dichloropropane	10.719	76	119411	51.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	209629	295.598	ug/l	98
59) 2-Hexanone	10.762	43	199023	309.365	ug/l	98
60) Dibromochloromethane	10.914	129	102517	49.937	ug/l	98
61) 1,2-Dibromoethane	11.018	107	66873	52.624	ug/l	100
64) Tetrachloroethene	10.652	164	83850	42.129	ug/l	99
65) Chlorobenzene	11.444	112	270628	45.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	101881	44.712	ug/l	98
67) Ethyl Benzene	11.524	91	459842	44.374	ug/l	98
68) m/p-Xylenes	11.633	106	354945	88.963	ug/l	98
69) o-Xylene	11.956	106	172573	45.618	ug/l	97
70) Styrene	11.975	104	294709	46.280	ug/l	100
71) Bromoform	12.133	173	63542	49.055	ug/l #	99
73) Isopropylbenzene	12.255	105	454951	41.160	ug/l	99
74) N-aryl acetate	12.072	43	100182	55.410	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	83751	49.993	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	54607m	44.793	ug/l	
77) Bromobenzene	12.536	156	112807	44.266	ug/l	97
78) n-propylbenzene	12.597	91	530106	42.253	ug/l	99
79) 2-Chlorotoluene	12.682	91	311833	43.162	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	374533	41.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	27824	48.124	ug/l	96
82) 4-Chlorotoluene	12.779	91	315558	42.323	ug/l	99
83) tert-Butylbenzene	12.999	119	343005	40.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	378379	43.256	ug/l	99
85) sec-Butylbenzene	13.182	105	488305	41.727	ug/l	100
86) p-Isopropyltoluene	13.298	119	419318	42.004	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	214996	43.420	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	212901	43.680	ug/l	99
89) n-Butylbenzene	13.621	91	367883	42.478	ug/l	100
90) Hexachloroethane	13.883	117	84561	42.185	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	194253	44.868	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13447	49.643	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	120755	48.465	ug/l	100
94) Hexachlorobutadiene	15.029	225	74888	42.635	ug/l	100
95) Naphthalene	15.151	128	219312	53.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	104995	50.298	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
Data File : VY020840.D
Acq On : 15 Jan 2025 18:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:02:00 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

