

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020882.D
 Acq On : 13 Nov 2021 02:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 00:16:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	90492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	141136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	129742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	67911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	44997	60.130	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.260%			
35) Dibromofluoromethane	7.884	113	43749	55.447	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.900%			
50) Toluene-d8	10.323	98	165559	53.630	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.260%			
62) 4-Bromofluorobenzene	12.615	95	61156	54.909	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	4893	28.832	ug/l	94
3) Chloromethane	2.215	50	20980	42.875	ug/l	98
4) Vinyl Chloride	2.355	62	32681	43.090	ug/l	97
5) Bromomethane	2.769	94	13642	27.075	ug/l	93
6) Chloroethane	2.916	64	10507	31.242	ug/l	97
7) Trichlorofluoromethane	3.245	101	14854	35.191	ug/l	99
8) Diethyl Ether	3.678	74	17338	56.253	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.062	101	31053	44.693	ug/l	98
10) Methyl Iodide	4.269	142	47987	50.303	ug/l	97
11) Tert butyl alcohol	5.171	59	15743	305.932	ug/l #	86
12) 1,1-Dichloroethene	4.038	96	30717	45.690	ug/l	94
13) Acrolein	3.897	56	435	19.228	ug/l	98
14) Allyl chloride	4.665	41	49146	49.358	ug/l	93
15) Acrylonitrile	5.367	53	39346	223.785	ug/l	99
16) Acetone	4.123	43	36943	206.295	ug/l	97
17) Carbon Disulfide	4.385	76	74973	41.842	ug/l	99
18) Methyl Acetate	4.672	43	30807	47.317	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	60768	63.405	ug/l	94
20) Methylene Chloride	4.915	84	34991	50.844	ug/l	98
21) trans-1,2-Dichloroethene	5.421	96	35816	49.084	ug/l	93
22) Diisopropyl ether	6.318	45	107699	57.602	ug/l #	95
23) Vinyl Acetate	6.251	43	282055	243.320	ug/l	100
24) 1,1-Dichloroethane	6.214	63	64236	52.159	ug/l	97
25) 2-Butanone	7.171	43	53735	214.927	ug/l	96
26) 2,2-Dichloropropane	7.165	77	39676	47.473	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	43003	53.621	ug/l	92
28) Bromochloromethane	7.513	49	31740	54.366	ug/l #	89
29) Tetrahydrofuran	7.537	42	34751	222.972	ug/l	98
30) Chloroform	7.677	83	71589	55.168	ug/l	92
31) Cyclohexane	7.958	56	55352	41.237	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	59801	51.868	ug/l	97
36) 1,1-Dichloropropene	8.079	75	51191	43.880	ug/l	97
37) Ethyl Acetate	7.250	43	23693	42.067	ug/l	99
38) Carbon Tetrachloride	8.067	117	54877	44.910	ug/l	99
39) Methylcyclohexane	9.335	83	63063	41.213	ug/l	94
40) Benzene	8.323	78	145223	46.508	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020882.D
 Acq On : 13 Nov 2021 02:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 00:16:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	13350	41.075	ug/l #	87
42) 1,2-Dichloroethane	8.403	62	46100	50.165	ug/l	100
43) Isopropyl Acetate	8.427	43	49402	46.135	ug/l	99
44) Trichloroethene	9.092	130	44672	48.070	ug/l	96
45) 1,2-Dichloropropane	9.366	63	36174	51.006	ug/l	100
46) Dibromomethane	9.457	93	21869	49.859	ug/l	99
47) Bromodichloromethane	9.646	83	53570	51.109	ug/l	96
48) Methyl methacrylate	9.433	41	21594	42.241	ug/l	92
49) 1,4-Dioxane	9.445	88	6621	997.319	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	126454	222.366	ug/l	100
52) Toluene	10.390	92	95605	46.737	ug/l	97
53) t-1,3-Dichloropropene	10.603	75	53414	49.533	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	59115	49.265	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	28981	49.765	ug/l	96
56) Ethyl methacrylate	10.646	69	39466	49.111	ug/l	95
57) 1,3-Dichloropropane	10.933	76	49138	49.945	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	119839	265.419	ug/l	95
59) 2-Hexanone	10.969	43	87885	210.558	ug/l	100
60) Dibromochloromethane	11.128	129	38340	50.105	ug/l	98
61) 1,2-Dibromoethane	11.231	107	29915	49.718	ug/l	98
64) Tetrachloroethene	10.859	164	43940	52.337	ug/l	92
65) Chlorobenzene	11.658	112	108324	47.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	42199	51.269	ug/l	99
67) Ethyl Benzene	11.731	91	193456	46.386	ug/l	96
68) m/p-Xylenes	11.835	106	149023	90.366	ug/l	96
69) o-Xylene	12.164	106	72679	47.489	ug/l	95
70) Styrene	12.182	104	124070	48.538	ug/l	99
71) Bromoform	12.347	173	25361	47.670	ug/l #	99
73) Isopropylbenzene	12.463	105	199788	47.160	ug/l	98
74) N-amyl acetate	12.268	43	47960	47.411	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	34214	45.243	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	25922m	49.644	ug/l	
77) Bromobenzene	12.743	156	50854	51.805	ug/l	89
78) n-propylbenzene	12.804	91	230350	44.757	ug/l	99
79) 2-Chlorotoluene	12.890	91	134606	47.683	ug/l	96
80) 1,3,5-Trimethylbenzene	12.938	105	167226	47.381	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	10714	40.390	ug/l	95
82) 4-Chlorotoluene	12.987	91	139267	47.674	ug/l	95
83) tert-Butylbenzene	13.201	119	153781	46.407	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	171082	49.321	ug/l	97
85) sec-Butylbenzene	13.383	105	222135	46.895	ug/l	98
86) p-Isopropyltoluene	13.493	119	185176	45.614	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	99947	50.345	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	96816	49.370	ug/l	97
89) n-Butylbenzene	13.822	91	167867	44.417	ug/l	99
90) Hexachloroethane	14.091	117	36824	47.176	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	88407	52.662	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6165	40.631	ug/l	91
93) 1,2,4-Trichlorobenzene	15.127	180	61243	47.888	ug/l	94
94) Hexachlorobutadiene	15.231	225	37447	46.453	ug/l	95
95) Naphthalene	15.365	128	110701	44.251	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	53204	48.164	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020882.D
 Acq On : 13 Nov 2021 02:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampleId :
 VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 00:16:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

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

