

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020909.D
 Acq On : 17 Nov 2021 16:33
 Operator : SY/VA
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 18 04:23:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:21:42 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	81809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	126752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	114202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	58380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	15016	16.740	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	33.480%#		
35) Dibromofluoromethane	7.884	113	15020	17.950	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	35.900%#		
50) Toluene-d8	10.323	98	56708	17.840	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	35.680%#		
62) 4-Bromofluorobenzene	12.615	95	20744	17.827	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	35.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	2183	10.373	ug/l	97
3) Chloromethane	2.209	50	8907	16.708	ug/l	98
4) Vinyl Chloride	2.355	62	16083	22.085	ug/l	98
5) Bromomethane	2.745	94	10228	22.938	ug/l	94
6) Chloroethane	2.904	64	5655	17.719	ug/l	100
7) Trichlorofluoromethane	3.245	101	6709	14.069	ug/l	95
8) Diethyl Ether	3.678	74	7417	19.001	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.050	101	14788	18.286	ug/l	99
10) Methyl Iodide	4.263	142	22197	21.494	ug/l	99
11) Tert butyl alcohol	5.178	59	7882	139.992	ug/l #	90
12) 1,1-Dichloroethene	4.038	96	14600	19.348	ug/l	92
13) Acrolein	3.897	56	1399	32.504	ug/l	97
14) Allyl chloride	4.659	41	20770	17.430	ug/l	98
15) Acrylonitrile	5.367	53	16236	84.135	ug/l	100
16) Acetone	4.123	43	15178	72.913	ug/l	99
17) Carbon Disulfide	4.379	76	38724	17.771	ug/l	99
18) Methyl Acetate	4.665	43	10954	16.594	ug/l	96
19) Methyl tert-butyl Ether	5.428	73	25561	19.828	ug/l	97
20) Methylene Chloride	4.909	84	17945	16.201	ug/l	93
21) trans-1,2-Dichloroethene	5.415	96	16639	19.652	ug/l	97
22) Diisopropyl ether	6.312	45	42680	18.150	ug/l	98
23) Vinyl Acetate	6.251	43	125095	91.733	ug/l	99
24) 1,1-Dichloroethane	6.214	63	26952	17.822	ug/l	98
25) 2-Butanone	7.171	43	22833	86.490	ug/l	95
26) 2,2-Dichloropropane	7.165	77	19095	19.240	ug/l	97
27) cis-1,2-Dichloroethene	7.165	96	18610	20.486	ug/l	99
28) Bromochloromethane	7.513	49	11299	18.027	ug/l	97
29) Tetrahydrofuran	7.531	42	14066	87.090	ug/l	99
30) Chloroform	7.677	83	29794	18.692	ug/l	99
31) Cyclohexane	7.952	56	25760	17.126	ug/l	90
32) 1,1,1-Trichloroethane	7.872	97	25499	18.971	ug/l	99
36) 1,1-Dichloropropene	8.080	75	22639	16.925	ug/l	100
37) Ethyl Acetate	7.250	43	10457	17.312	ug/l	99
38) Carbon Tetrachloride	8.067	117	24033	17.797	ug/l #	88
39) Methylcyclohexane	9.335	83	28436	18.065	ug/l	96
40) Benzene	8.323	78	64278	17.457	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020909.D
 Acq On : 17 Nov 2021 16:33
 Operator : SY/VA
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 04:23:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:21:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	5988	17.029	ug/l	98
42) 1,2-Dichloroethane	8.397	62	19454	16.514	ug/l	99
43) Isopropyl Acetate	8.427	43	20162	17.659	ug/l	99
44) Trichloroethene	9.092	130	19425	19.129	ug/l	94
45) 1,2-Dichloropropane	9.366	63	15226	17.305	ug/l	97
46) Dibromomethane	9.457	93	9556	19.051	ug/l	98
47) Bromodichloromethane	9.640	83	22728	18.418	ug/l	98
48) Methyl methacrylate	9.439	41	9449	17.422	ug/l	95
49) 1,4-Dioxane	9.451	88	2907	436.937	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	51128	83.847	ug/l	99
52) Toluene	10.384	92	42241	18.181	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	21767	17.469	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	25381	17.962	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	12653	18.213	ug/l	93
56) Ethyl methacrylate	10.646	69	15962	18.162	ug/l	99
57) 1,3-Dichloropropane	10.933	76	21457	17.932	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.921	63	40069	99.527	ug/l	98
59) 2-Hexanone	10.969	43	34873	81.236	ug/l	99
60) Dibromochloromethane	11.128	129	16348	19.668	ug/l	99
61) 1,2-Dibromoethane	11.231	107	12889	19.006	ug/l	97
64) Tetrachloroethene	10.860	164	17460	19.552	ug/l #	82
65) Chlorobenzene	11.658	112	46918	19.061	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	17404	19.459	ug/l	98
67) Ethyl Benzene	11.731	91	82342	18.721	ug/l	95
68) m/p-Xylenes	11.835	106	67916	39.626	ug/l	97
69) o-Xylene	12.164	106	31143	19.590	ug/l	100
70) Styrene	12.182	104	52241	19.296	ug/l	99
71) Bromoform	12.347	173	9908	19.068	ug/l #	96
73) Isopropylbenzene	12.463	105	85094	20.512	ug/l	98
74) N-amyl acetate	12.268	43	19337	19.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	14517	18.910	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	11147m	17.869	ug/l	
77) Bromobenzene	12.743	156	20384	20.416	ug/l	98
78) n-propylbenzene	12.804	91	98940	19.537	ug/l	99
79) 2-Chlorotoluene	12.890	91	56138	19.177	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	70993	19.743	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	4536	18.652	ug/l	96
82) 4-Chlorotoluene	12.987	91	60763	19.703	ug/l	98
83) tert-Butylbenzene	13.207	119	63015	20.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	71514	20.056	ug/l	97
85) sec-Butylbenzene	13.383	105	93001	20.018	ug/l	99
86) p-Isopropyltoluene	13.493	119	78184	19.716	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	41074	19.979	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	41064	19.774	ug/l	97
89) n-Butylbenzene	13.822	91	72304	19.672	ug/l	99
90) Hexachloroethane	14.091	117	14840	21.072	ug/l	92
91) 1,2-Dichlorobenzene	13.871	146	34982	19.139	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2498	18.100	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	26488	21.427	ug/l	98
94) Hexachlorobutadiene	15.231	225	15344	19.587	ug/l	89
95) Naphthalene	15.365	128	48124	22.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	21677	19.445	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020909.D
 Acq On : 17 Nov 2021 16:33
 Operator : SY/VA
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampleId :
 VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 04:23:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:21:42 2021
 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_W\Data\VW111721\
 Data File : VW020909.D
 Acq On : 17 Nov 2021 16:33
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 18 04:23:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:21:42 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

