

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020916.D
 Acq On : 17 Nov 2021 21:23
 Operator : SY/VA
 Sample : VW1117SBSD01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 05:17:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	84688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	126343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	117993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	63798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38968	49.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.340%		
35) Dibromofluoromethane	7.884	113	38911	49.099	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.200%		
50) Toluene-d8	10.323	98	142509	49.030	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.060%		
62) 4-Bromofluorobenzene	12.615	95	53521	49.375	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	2669	19.246	ug/l	94
3) Chloromethane	2.209	50	9238	18.949	ug/l	93
4) Vinyl Chloride	2.355	62	15435	17.980	ug/l	99
5) Bromomethane	2.751	94	12986	23.502	ug/l	94
6) Chloroethane	2.910	64	6309	19.067	ug/l	93
7) Trichlorofluoromethane	3.239	101	6436	18.077	ug/l	98
8) Diethyl Ether	3.678	74	7542	20.169	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.056	101	14683	19.991	ug/l	97
10) Methyl Iodide	4.263	142	21219	19.153	ug/l	100
11) Tert butyl alcohol	5.141	59	6562m	94.947	ug/l	
12) 1,1-Dichloroethene	4.031	96	13899	19.311	ug/l	99
13) Acrolein	3.885	56	1372	114.913	ug/l	95
14) Allyl chloride	4.659	41	20136	19.486	ug/l	100
15) Acrylonitrile	5.367	53	16113	99.593	ug/l	98
16) Acetone	4.123	43	15482	94.942	ug/l	99
17) Carbon Disulfide	4.379	76	37466	18.943	ug/l	99
18) Methyl Acetate	4.665	43	12003	21.095	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	25034	20.184	ug/l	97
20) Methylene Chloride	4.909	84	17571	19.555	ug/l	94
21) trans-1,2-Dichloroethene	5.415	96	16150	19.711	ug/l	94
22) Diisopropyl ether	6.311	45	42831	20.202	ug/l	99
23) Vinyl Acetate	6.251	43	121208	97.692	ug/l	99
24) 1,1-Dichloroethane	6.220	63	27231	20.188	ug/l	98
25) 2-Butanone	7.165	43	22321	96.377	ug/l	100
26) 2,2-Dichloropropane	7.171	77	17336	18.113	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	18956	20.710	ug/l	96
28) Bromochloromethane	7.506	49	11044	19.349	ug/l	99
29) Tetrahydrofuran	7.525	42	14246	101.430	ug/l	99
30) Chloroform	7.677	83	30847	20.787	ug/l	100
31) Cyclohexane	7.958	56	24237	18.520	ug/l	94
32) 1,1,1-Trichloroethane	7.866	97	25260	20.159	ug/l	98
36) 1,1-Dichloropropene	8.079	75	22335	19.678	ug/l	99
37) Ethyl Acetate	7.250	43	10191	19.684	ug/l	98
38) Carbon Tetrachloride	8.067	117	23527	19.486	ug/l	95
39) Methylcyclohexane	9.335	83	28080	19.704	ug/l	97
40) Benzene	8.323	78	66380	20.512	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020916.D
 Acq On : 17 Nov 2021 21:23
 Operator : SY/VA
 Sample : VW1117SBSD01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 05:17:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	5501	19.928	ug/l	89
42) 1,2-Dichloroethane	8.396	62	19809	20.178	ug/l	100
43) Isopropyl Acetate	8.427	43	20262	19.943	ug/l	99
44) Trichloroethene	9.091	130	19235	20.371	ug/l	97
45) 1,2-Dichloropropane	9.366	63	15005	20.133	ug/l	94
46) Dibromomethane	9.457	93	9773	20.697	ug/l	92
47) Bromodichloromethane	9.640	83	21825	19.536	ug/l	98
48) Methyl methacrylate	9.433	41	8929	19.755	ug/l	98
49) 1,4-Dioxane	9.445	88	2726	400.638	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	50999	98.586	ug/l	99
52) Toluene	10.384	92	41892	20.138	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	21506	19.388	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	24863	19.807	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	12296	19.423	ug/l	96
56) Ethyl methacrylate	10.646	69	16007	19.857	ug/l	98
57) 1,3-Dichloropropane	10.933	76	21287	19.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	39226	96.687	ug/l	99
59) 2-Hexanone	10.969	43	35394	98.354	ug/l	100
60) Dibromochloromethane	11.128	129	16226	20.331	ug/l	99
61) 1,2-Dibromoethane	11.231	107	12689	20.202	ug/l	96
64) Tetrachloroethene	10.866	164	17588	20.064	ug/l	90
65) Chlorobenzene	11.658	112	47003	19.814	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.725	131	16991	19.263	ug/l	97
67) Ethyl Benzene	11.731	91	82135	19.729	ug/l	96
68) m/p-Xylenes	11.835	106	65772	39.079	ug/l	99
69) o-Xylene	12.164	106	31282	19.821	ug/l	100
70) Styrene	12.176	104	52729	19.893	ug/l	99
71) Bromoform	12.347	173	9861	19.341	ug/l #	98
73) Isopropylbenzene	12.463	105	81444	18.681	ug/l	100
74) N-amyl acetate	12.268	43	19576	18.851	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	14401	18.934	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	11405m	19.897	ug/l	
77) Bromobenzene	12.743	156	20759	19.604	ug/l	97
78) n-propylbenzene	12.804	91	98163	19.117	ug/l	99
79) 2-Chlorotoluene	12.890	91	57629	19.418	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	71381	19.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	4430	18.180	ug/l	96
82) 4-Chlorotoluene	12.987	91	60002	19.065	ug/l	99
83) tert-Butylbenzene	13.200	119	63936	19.134	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	70596	19.122	ug/l	99
85) sec-Butylbenzene	13.377	105	88969	18.502	ug/l	99
86) p-Isopropyltoluene	13.493	119	76412	18.432	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	41081	19.142	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	41409	19.201	ug/l	99
89) n-Butylbenzene	13.822	91	70084	18.828	ug/l	99
90) Hexachloroethane	14.091	117	14852	19.023	ug/l	94
91) 1,2-Dichlorobenzene	13.865	146	37399	19.835	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2680	20.065	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	26144	19.459	ug/l	97
94) Hexachlorobutadiene	15.225	225	14367	18.856	ug/l	98
95) Naphthalene	15.365	128	47416	19.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	23414	19.763	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020916.D
 Acq On : 17 Nov 2021 21:23
 Operator : SY/VA
 Sample : VW1117SBSD01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampleId :
 VW1117SBSD01

Manual Integrations
APPROVED

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

Quant Time: Nov 18 05:17:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

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

