

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020915.D
 Acq On : 17 Nov 2021 20:59
 Operator : SY/VA
 Sample : VW1117SBS01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBS01

Quant Time: Nov 18 05:17:05 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

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	7.951	168	78951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	116096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	106485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	56989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	36290	49.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.240%		
35) Dibromofluoromethane	7.884	113	35738	49.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.160%		
50) Toluene-d8	10.323	98	135399	50.696	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.400%		
62) 4-Bromofluorobenzene	12.615	95	48700	48.893	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	2670	20.062	ug/l	92
3) Chloromethane	2.215	50	8393	18.467	ug/l	99
4) Vinyl Chloride	2.355	62	14614	18.260	ug/l	100
5) Bromomethane	2.757	94	12293	23.864	ug/l	94
6) Chloroethane	2.910	64	5976	19.373	ug/l	100
7) Trichlorofluoromethane	3.245	101	6143	18.507	ug/l	94
8) Diethyl Ether	3.684	74	7119	20.421	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.056	101	13350	19.497	ug/l	97
10) Methyl Iodide	4.263	142	20333	19.687	ug/l	97
11) Tert butyl alcohol	5.147	59	7277m	112.943	ug/l	
12) 1,1-Dichloroethene	4.037	96	13109	19.537	ug/l	97
13) Acrolein	3.891	56	1444	128.417	ug/l	91
14) Allyl chloride	4.665	41	18761	19.475	ug/l	99
15) Acrylonitrile	5.366	53	15480	102.633	ug/l	98
16) Acetone	4.123	43	13857	91.152	ug/l	94
17) Carbon Disulfide	4.379	76	36144	19.603	ug/l	99
18) Methyl Acetate	4.665	43	10640	20.058	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	23835	20.614	ug/l	100
20) Methylene Chloride	4.915	84	17781	21.643	ug/l	96
21) trans-1,2-Dichloroethene	5.415	96	15412	20.178	ug/l	94
22) Diisopropyl ether	6.311	45	40121	20.298	ug/l #	97
23) Vinyl Acetate	6.250	43	116846	101.020	ug/l	100
24) 1,1-Dichloroethane	6.214	63	26145	20.791	ug/l	96
25) 2-Butanone	7.171	43	20934	96.956	ug/l	93
26) 2,2-Dichloropropane	7.165	77	16733	18.753	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	17582	20.605	ug/l	99
28) Bromochloromethane	7.506	49	10365	19.479	ug/l	95
29) Tetrahydrofuran	7.531	42	13764	105.119	ug/l	98
30) Chloroform	7.671	83	28307	20.461	ug/l	96
31) Cyclohexane	7.957	56	23719	19.441	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	23954	20.506	ug/l	100
36) 1,1-Dichloropropene	8.079	75	21135	20.264	ug/l	99
37) Ethyl Acetate	7.256	43	9567	20.110	ug/l	99
38) Carbon Tetrachloride	8.067	117	22393	20.184	ug/l	87
39) Methylcyclohexane	9.335	83	26482	20.223	ug/l	99
40) Benzene	8.323	78	63367	21.309	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	5404	21.305	ug/l	92
42) 1,2-Dichloroethane	8.396	62	18803	20.844	ug/l	100
43) Isopropyl Acetate	8.421	43	18969	20.318	ug/l	98
44) Trichloroethene	9.091	130	18492	21.313	ug/l	99
45) 1,2-Dichloropropane	9.366	63	14224	20.769	ug/l	96
46) Dibromomethane	9.457	93	9004	20.751	ug/l	97
47) Bromodichloromethane	9.646	83	21202	20.653	ug/l	99
48) Methyl methacrylate	9.433	41	8316	20.023	ug/l	98
49) 1,4-Dioxane	9.445	88	2682	428.963	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	48720	102.493	ug/l	99
52) Toluene	10.390	92	40563	21.220	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	20526	20.138	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	23975	20.785	ug/l	92
55) 1,1,2-Trichloroethane	10.786	97	11856	20.381	ug/l	95
56) Ethyl methacrylate	10.646	69	15491	20.913	ug/l	99
57) 1,3-Dichloropropane	10.932	76	20753	21.189	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.920	63	39136	104.980	ug/l	99
59) 2-Hexanone	10.969	43	33262	100.588	ug/l	100
60) Dibromochloromethane	11.128	129	15200	20.726	ug/l	98
61) 1,2-Dibromoethane	11.237	107	12203	21.143	ug/l	97
64) Tetrachloroethene	10.865	164	16976	21.458	ug/l	95
65) Chlorobenzene	11.658	112	43731	20.427	ug/l #	89
66) 1,1,1,2-Tetrachloroethane	11.725	131	16566	20.811	ug/l	95
67) Ethyl Benzene	11.731	91	77800	20.708	ug/l	99
68) m/p-Xylenes	11.841	106	62723	41.295	ug/l	100
69) o-Xylene	12.164	106	30039	21.091	ug/l	100
70) Styrene	12.182	104	49777	20.809	ug/l	98
71) Bromoform	12.347	173	9274	20.155	ug/l #	99
73) Isopropylbenzene	12.463	105	80518	20.675	ug/l	97
74) N-amyl acetate	12.268	43	18970	20.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	14122	20.785	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	10963m	21.411	ug/l	
77) Bromobenzene	12.749	156	20352	21.516	ug/l	92
78) n-propylbenzene	12.804	91	94336	20.567	ug/l	98
79) 2-Chlorotoluene	12.889	91	54589	20.592	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	65399	19.583	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.511	75	4181	19.208	ug/l	97
82) 4-Chlorotoluene	12.987	91	57246	20.362	ug/l	99
83) tert-Butylbenzene	13.206	119	59982	20.095	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	68201	20.681	ug/l	98
85) sec-Butylbenzene	13.383	105	87596	20.393	ug/l	100
86) p-Isopropyltoluene	13.493	119	74336	20.074	ug/l	98
87) 1,3-Dichlorobenzene	13.493	146	41277	21.531	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	40448	20.996	ug/l	97
89) n-Butylbenzene	13.822	91	68373	20.563	ug/l	98
90) Hexachloroethane	14.090	117	13950	20.003	ug/l	89
91) 1,2-Dichlorobenzene	13.871	146	34781	20.651	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.475	75	2441	20.459	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	25824	21.517	ug/l	95
94) Hexachlorobutadiene	15.230	225	13779	20.245	ug/l	98
95) Naphthalene	15.365	128	45444	20.430	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	22250	21.025	ug/l	97

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

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