Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
Data File : VW020927.D
Acq On : 18 Nov 2021 14:56
Operator : SY/VA
Sample : M4068-01 4PPBLOD
Misc : 5.00g/5.0mL/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 19 04:59:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 19 04:59:01 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.945	168	75927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	116001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	104813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	56002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	35389	50.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.640%			
35) Dibromofluoromethane	7.884	113	36916	50.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.480%			
50) Toluene-d8	10.323	98	135759	50.872	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.615	95	49036	49.270	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	483	3.498	ug/l	84
3) Chloromethane	2.209	50	2049	4.688	ug/l	97
4) Vinyl Chloride	2.355	62	3317	4.310	ug/l	96
5) Bromomethane	2.776	94	2958	5.971	ug/l	99
6) Chloroethane	2.910	64	1407	4.743	ug/l	91
7) Trichlorofluoromethane	3.251	101	1767	5.536	ug/l	98
8) Diethyl Ether	3.684	74	1285	3.833	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.062	101	3132	4.756	ug/l	98
10) Methyl Iodide	4.269	142	4340	4.370	ug/l	98
11) Tert butyl alcohol	5.172	59	2430m	39.217	ug/l	
12) 1,1-Dichloroethene	4.038	96	2865	4.440	ug/l	94
13) Acrolein	3.897	56	213	19.874	ug/l	95
14) Allyl chloride	4.665	41	3927	4.239	ug/l	98
15) Acrylonitrile	5.373	53	2833	19.531	ug/l	98
16) Acetone	4.123	43	3461	23.673	ug/l	92
17) Carbon Disulfide	4.379	76	7764	4.379	ug/l	96
18) Methyl Acetate	4.678	43	2010	3.940	ug/l #	87
19) Methyl tert-butyl Ether	5.421	73	4860	4.371	ug/l	97
20) Methylene Chloride	4.922	84	8039	9.845	ug/l	88
21) trans-1,2-Dichloroethene	5.415	96	3169	4.314	ug/l	93
22) Diisopropyl ether	6.312	45	7816	4.112	ug/l	92
23) Vinyl Acetate	6.257	43	21304	19.152	ug/l	95
24) 1,1-Dichloroethane	6.214	63	5175	4.279	ug/l	98
25) 2-Butanone	7.171	43	4165	20.059	ug/l	97
26) 2,2-Dichloropropane	7.165	77	4379	5.103	ug/l	98
27) cis-1,2-Dichloroethene	7.165	96	3514	4.282	ug/l	93
28) Bromochloromethane	7.513	49	2101	4.106	ug/l #	100
29) Tetrahydrofuran	7.531	42	2377	18.877	ug/l	98
30) Chloroform	7.677	83	5916	4.447	ug/l	91
31) Cyclohexane	7.958	56	6470	5.514	ug/l #	90
32) 1,1,1-Trichloroethane	7.866	97	5074	4.517	ug/l	98
36) 1,1-Dichloropropene	8.086	75	4644	4.456	ug/l	99
37) Ethyl Acetate	7.257	43	1821	3.831	ug/l	96
38) Carbon Tetrachloride	8.067	117	4681	4.223	ug/l	93
39) Methylcyclohexane	9.335	83	5691	4.350	ug/l	98
40) Benzene	8.323	78	15106	5.084	ug/l	99

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41) Methacrylonitrile	7.488	41	1040	4.103	ug/l	#	90
42) 1,2-Dichloroethane	8.403	62	3689	4.093	ug/l		100
43) Isopropyl Acetate	8.421	43	3263	3.498	ug/l		96
44) Trichloroethene	9.092	130	3866	4.459	ug/l		93
45) 1,2-Dichloropropane	9.366	63	2777	4.058	ug/l		99
46) Dibromomethane	9.457	93	1775	4.094	ug/l		93
47) Bromodichloromethane	9.646	83	4059	3.957	ug/l	#	94
48) Methyl methacrylate	9.439	41	1627	3.921	ug/l		95
49) 1,4-Dioxane	9.451	88	387	61.948	ug/l		93
51) 4-Methyl-2-Pentanone	10.213	43	8892	18.722	ug/l		97
52) Toluene	10.390	92	8440	4.419	ug/l		100
53) t-1,3-Dichloropropene	10.610	75	3664	3.598	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	4455	3.865	ug/l		96
55) 1,1,2-Trichloroethane	10.786	97	2421	4.165	ug/l		88
56) Ethyl methacrylate	10.646	69	2723	3.679	ug/l		99
57) 1,3-Dichloropropane	10.933	76	4047	4.135	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.927	63	6735	18.081	ug/l		98
59) 2-Hexanone	10.969	43	5674	17.173	ug/l		100
60) Dibromochloromethane	11.128	129	2909	3.970	ug/l		95
61) 1,2-Dibromoethane	11.231	107	2327	4.035	ug/l		97
64) Tetrachloroethene	10.860	164	3373	4.332	ug/l		88
65) Chlorobenzene	11.658	112	9196	4.364	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.731	131	3010	3.842	ug/l		97
67) Ethyl Benzene	11.731	91	16116	4.358	ug/l		93
68) m/p-Xylenes	11.841	106	12369	8.273	ug/l		95
69) o-Xylene	12.164	106	6055	4.319	ug/l		100
70) Styrene	12.182	104	9269	3.937	ug/l		97
71) Bromoform	12.353	173	1670	3.687	ug/l	#	88
73) Isopropylbenzene	12.463	105	16149	4.220	ug/l		100
74) N-amyl acetate	12.274	43	3265	3.582	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.713	83	2443	3.659	ug/l		97
76) 1,2,3-Trichloropropane	12.768	75	1739m	3.456	ug/l		
77) Bromobenzene	12.743	156	3924	4.221	ug/l		96
78) n-propylbenzene	12.804	91	19437	4.312	ug/l		99
79) 2-Chlorotoluene	12.890	91	11152	4.281	ug/l		99
80) 1,3,5-Trimethylbenzene	12.938	105	13209	4.025	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	702m	3.282	ug/l		
82) 4-Chlorotoluene	12.987	91	11427	4.136	ug/l		96
83) tert-Butylbenzene	13.207	119	12303	4.194	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	13567	4.186	ug/l		98
85) sec-Butylbenzene	13.383	105	18011	4.267	ug/l		99
86) p-Isopropyltoluene	13.493	119	15030	4.130	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	8316	4.414	ug/l		98
88) 1,4-Dichlorobenzene	13.579	146	8016	4.234	ug/l		90
89) n-Butylbenzene	13.822	91	14070	4.306	ug/l		98
90) Hexachloroethane	14.091	117	2467	3.600	ug/l		98
91) 1,2-Dichlorobenzene	13.865	146	7141	4.315	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.481	75	390	3.326	ug/l		95
93) 1,2,4-Trichlorobenzene	15.127	180	4871	4.130	ug/l		95
94) Hexachlorobutadiene	15.231	225	3030	4.530	ug/l		97
95) Naphthalene	15.359	128	8505	3.891	ug/l		100
96) 1,2,3-Trichlorobenzene	15.554	180	4307	4.142	ug/l		99

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

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