Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021091.D
Acq On : 04 Dec 2021 02:52
Operator : SY/VA
Sample : M4883-21MS
Misc : 4.18g/10.0mL/MSVOA_W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9H6MS

Quant Time: Dec 04 05:44:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	105538	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	94774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	43679	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	39515	26.873	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.480%			
7) Chloroethane-d5	2.885	69	26298	26.717	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.880%			
11) 1,1-Dichloroethene-d2	4.025	63	59836	25.473	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.880%			
21) 2-Butanone-d5	7.080	46	15686	46.768	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.540%			
24) Chloroform-d	7.653	84	68199	25.803	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.200%			
26) 1,2-Dichloroethane-d4	8.311	65	36812	25.459	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.840%			
32) Benzene-d6	8.274	84	129301	26.683	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.720%			
36) 1,2-Dichloropropane-d6	9.274	67	36028	26.754	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.000%			
41) Toluene-d8	10.323	98	126457	25.450	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.800%			
43) trans-1,3-Dichloroprop...	10.579	79	15434	25.240	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.960%			
47) 2-Hexanone-d5	10.926	63	12600	48.903	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.800%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	30500	24.481	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	39341	25.138	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	10487	20.343	ug/L	99
3) Chloromethane	2.215	50	25815	22.369	ug/L	98
5) Vinyl chloride	2.361	62	46587	23.237	ug/L	95
6) Bromomethane	2.782	94	28254	21.195	ug/L	92
8) Chloroethane	2.922	64	19296	23.094	ug/L	98
9) Trichlorofluoromethane	3.263	101	22615	23.361	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	31853	21.022	ug/L	90
12) 1,1-Dichloroethene	4.044	96	31111	22.711	ug/L	78
13) Acetone	4.135	43	11324	37.065	ug/L	91
14) Carbon disulfide	4.385	76	83534	21.969	ug/L	100
15) Methyl Acetate	4.672	43	11083	20.007	ug/L #	89
16) Methylene chloride	4.921	84	33239	19.991	ug/L	82
17) trans-1,2-Dichloroethene	5.427	96	33265	22.807	ug/L	82
18) Methyl tert-butyl Ether	5.427	73	49905	22.669	ug/L	94
19) 1,1-Dichloroethane	6.220	63	53028	22.928	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	34433	22.252	ug/L	72
22) 2-Butanone	7.177	43	15619	36.942	ug/L	87
23) Bromochloromethane	7.519	128	16266	22.466	ug/L #	65
25) Chloroform	7.683	83	59650	22.976	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	38208	22.498	ug/L		98
29) Cyclohexane	7.957	56	45944	21.975	ug/L	#	81
30) 1,1,1-Trichloroethane	7.878	97	53785	24.340	ug/L		94
31) Carbon tetrachloride	8.073	117	47930	23.342	ug/L		99
33) Benzene	8.323	78	123211	22.861	ug/L		100
34) Trichloroethene	9.091	95	35250	23.708	ug/L		96
35) Methylcyclohexane	9.335	83	50946	20.356	ug/L	#	85
37) 1,2-Dichloropropane	9.372	63	28623	23.498	ug/L	#	95
38) Bromodichloromethane	9.646	83	40449	23.622	ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	45166	22.923	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	36626	44.137	ug/L	#	92
42) Toluene	10.390	91	139291	22.628	ug/L		98
44) trans-1,3-Dichloropropene	10.609	75	40059	22.472	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	23566	23.076	ug/L		94
46) Tetrachloroethene	10.859	164	29822	21.904	ug/L		93
48) 2-Hexanone	10.969	43	25473	42.553	ug/L	#	95
49) Dibromochloromethane	11.128	129	29710	23.277	ug/L		93
50) 1,2-Dibromoethane	11.237	107	23904	22.953	ug/L		88
51) Chlorobenzene	11.658	112	82350	20.021	ug/L		98
52) Ethylbenzene	11.731	91	146790	21.182	ug/L		94
53) m,p-Xylene	11.835	106	57367	20.011	ug/L		90
54) o-Xylene	12.164	106	57243	21.178	ug/L		87
55) Styrene	12.182	104	90446	19.640	ug/L		91
57) 1,1,2,2-Tetrachloroethane	12.713	83	26965	21.952	ug/L	#	94
59) Bromoform	12.353	173	16290	26.152	ug/L		97
60) Isopropylbenzene	12.463	105	151584	24.971	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	19577	26.756	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.944	105	119108	23.430	ug/L		94
63) 1,2,4-Trimethylbenzene	13.249	105	117578	22.997	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	60149	21.044	ug/L		96
65) 1,4-Dichlorobenzene	13.578	146	63101	21.844	ug/L		92
67) 1,2-Dichlorobenzene	13.865	146	56937	22.373	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	3965	23.998	ug/L		89
69) 1,3,5-Trichlorobenzene	14.627	180	37971	18.076	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	27846	16.132	ug/L		99
71) Naphthalene	15.365	128	77728	24.223	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	25096	16.659	ug/L		98

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

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