Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
Data File : VW020022.D
Acq On : 14 Sep 2021 21:07
Operator : SY/VA
Sample : MDL01
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 15 03:59:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 15 03:16:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL01

Manual Integrations APPROVED
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9/17/2021 2:31:22 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	285097	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	273070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	123482	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135009	28.751	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.000%			
7) Chloroethane-d5	2.897	69	108511	26.848	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.400%			
11) 1,1-Dichloroethene-d2	4.025	63	151625	19.755	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.000%			
21) 2-Butanone-d5	7.080	46	48326	37.620	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.240%			
24) Chloroform-d	7.653	84	208634	26.559	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.240%			
26) 1,2-Dichloroethane-d4	8.311	65	124530	26.910	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.640%			
32) Benzene-d6	8.281	84	412818	27.708	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.840%			
36) 1,2-Dichloropropane-d6	9.274	67	123443	27.934	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.720%			
41) Toluene-d8	10.323	98	380012	27.211	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.840%			
43) trans-1,3-Dichloroprop...	10.579	79	52809	25.979	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.920%			
47) 2-Hexanone-d5	10.927	63	36725	40.679	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.360%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	99665	22.925	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.680%			
66) 1,2-Dichlorobenzene-d4	13.853	152	130387	30.984	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 123.920%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	3030	1.025	ug/L #	87
3) Chloromethane	2.221	50	4344	1.091	ug/L	88
5) Vinyl chloride	2.367	62	6979	1.121	ug/L #	25
6) Bromomethane	2.788	94	4660	1.068	ug/L	99
8) Chloroethane	2.934	64	4196	1.105	ug/L	89
9) Trichlorofluoromethane	3.269	101	2924	0.805	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	5370m	1.314	ug/L	
12) 1,1-Dichloroethene	4.056	96	4888m	1.263	ug/L	
14) Carbon disulfide	4.397	76	12345	0.977	ug/L	97
15) Methyl Acetate	4.690	43	1829	0.860	ug/L	98
16) Methylene chloride	4.922	84	10712	2.132	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	4214	1.034	ug/L	86
18) Methyl tert-butyl Ether	5.440	73	4731	0.929	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	7553	1.036	ug/L	94
20) cis-1,2-Dichloroethene	7.177	96	4273	1.015	ug/L	99
23) Bromochloromethane	7.519	128	2082	1.068	ug/L	99
25) Chloroform	7.689	83	9623	1.256	ug/L	93
27) 1,2-Dichloroethane	8.409	62	5808	1.084	ug/L #	95
29) Cyclohexane	7.958	56	4807	0.782	ug/L #	92

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) 1,1,1-Trichloroethane	7.878	97	6543	1.022	ug/L		97
31) Carbon tetrachloride	8.079	117	6008	1.006	ug/L		99
33) Benzene	8.329	78	17763	1.081	ug/L		100
34) Trichloroethene	9.098	95	4445	1.021	ug/L		93
35) Methylcyclohexane	9.341	83	5784	0.788	ug/L	#	89
37) 1,2-Dichloropropane	9.366	63	4522	1.136	ug/L		98
38) Bromodichloromethane	9.652	83	5670	1.056	ug/L	#	96
39) cis-1,3-Dichloropropene	10.073	75	5786	0.963	ug/L		98
42) Toluene	10.390	91	23731	1.353	ug/L		99
44) trans-1,3-Dichloropropene	10.610	75	7963	1.400	ug/L		93
45) 1,1,2-Trichloroethane	10.786	97	3416	1.073	ug/L		88
46) Tetrachloroethene	10.866	164	3517	1.044	ug/L		99
48) 2-Hexanone	10.969	43	3242	1.593	ug/L	#	97
49) Dibromochloromethane	11.128	129	3693	1.010	ug/L		93
50) 1,2-Dibromoethane	11.237	107	2963	0.947	ug/L	#	91
51) Chlorobenzene	11.658	112	12045	1.059	ug/L		95
52) Ethylbenzene	11.731	91	17535	0.916	ug/L		95
53) m,p-Xylene	11.841	106	6172	0.847	ug/L		92
54) o-Xylene	12.170	106	5349	0.778	ug/L		93
55) Styrene	12.182	104	8141	0.689	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.719	83	4342	1.041	ug/L		97
59) Bromoform	12.353	173	1919	1.027	ug/L	#	96
60) Isopropylbenzene	12.469	105	14059	0.858	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	2694	0.933	ug/L		93
62) 1,3,5-Trimethylbenzene	12.944	105	10205	0.766	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	11002	0.841	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	7583	1.007	ug/L		87
65) 1,4-Dichlorobenzene	13.578	146	8620	1.123	ug/L		97
67) 1,2-Dichlorobenzene	13.871	146	8450	1.231	ug/L		96
69) 1,3,5-Trichlorobenzene	14.627	180	5643	1.083	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	4071	0.998	ug/L		97
71) Naphthalene	15.365	128	7069	0.811	ug/L		99
72) 1,2,3-Trichlorobenzene	15.560	180	4009	1.047	ug/L		90

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

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