Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090822\
Data File : VW024585.D
Acq On : 08 Sep 2022 12:33
Operator : SY/VA
Sample : N4015-03 MDL
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2022-05

Quant Time: Sep 08 22:36:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 08 22:22:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	257870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	257820	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	117852	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	149271	28.037	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.160%			
7) Chloroethane-d5	2.879	69	114703	28.975	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.880%			
11) 1,1-Dichloroethene-d2	4.007	63	107533m	19.144	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.560%			
21) 2-Butanone-d5	7.080	46	40558	47.223	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.440%			
24) Chloroform-d	7.647	84	166055	25.284	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.120%			
26) 1,2-Dichloroethane-d4	8.299	65	97389m	26.300	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.200%			
32) Benzene-d6	8.275	84	329493	25.981	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.920%			
36) 1,2-Dichloropropane-d6	9.268	67	91564	24.488	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.960%			
41) Toluene-d8	10.323	98	316392	25.591	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.360%			
43) trans-1,3-Dichloroprop...	10.579	79	38345	22.883	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.520%			
47) 2-Hexanone-d5	10.921	63	31185	45.373	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.740%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	81329	22.693	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.760%			
66) 1,2-Dichlorobenzene-d4	13.847	152	98167	26.299	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	1168m	0.946	ug/L	
5) Vinyl chloride	2.349	62	9374	1.448	ug/L #	35
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	5398m	1.565	ug/L	
12) 1,1-Dichloroethene	4.032	96	4587m	1.556	ug/L	
13) Acetone	4.117	43	2543m	3.480	ug/L	
14) Carbon disulfide	4.373	76	9380	1.202	ug/L	100
15) Methyl Acetate	4.659	43	1966m	1.273	ug/L	
17) trans-1,2-Dichloroethene	5.421	96	3930m	1.164	ug/L	
18) Methyl tert-butyl Ether	5.428	73	6089m	1.012	ug/L	
19) 1,1-Dichloroethane	6.208	63	6645	1.081	ug/L #	84
20) cis-1,2-Dichloroethene	7.171	96	4338m	1.145	ug/L	
22) 2-Butanone	7.171	43	3749m	3.172	ug/L	
23) Bromochloromethane	7.513	128	2003m	1.155	ug/L	
25) Chloroform	7.677	83	8266m	1.211	ug/L	
27) 1,2-Dichloroethane	8.403	62	5935	1.294	ug/L #	83
29) Cyclohexane	7.945	56	5341	1.070	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	6091	1.077	ug/L #	90
31) Carbon tetrachloride	8.067	117	5618	1.088	ug/L	99
33) Benzene	8.317	78	16890	1.154	ug/L	100

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
34) Trichloroethene	9.092	95	4144	1.084	ug/L		94
35) Methylcyclohexane	9.329	83	6124	1.002	ug/L		93
37) 1,2-Dichloropropane	9.366	63	4073	1.114	ug/L	#	97
38) Bromodichloromethane	9.646	83	4925	0.953	ug/L	#	92
39) cis-1,3-Dichloropropene	10.079	75	5751	1.076	ug/L		88
40) 4-Methyl-2-pentanone	10.213	43	4819	1.999	ug/L	#	97
42) Toluene	10.384	91	18095	1.122	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	2993	0.980	ug/L		88
46) Tetrachloroethene	10.860	164	3467	1.231	ug/L		90
48) 2-Hexanone	10.963	43	3905	2.362	ug/L	#	92
49) Dibromochloromethane	11.128	129	3577	1.002	ug/L		95
50) 1,2-Dibromoethane	11.231	107	3157	1.065	ug/L		87
51) Chlorobenzene	11.652	112	12660	1.136	ug/L	#	85
52) Ethylbenzene	11.731	91	18621	1.017	ug/L		94
53) m,p-Xylene	11.835	106	6967	0.974	ug/L		96
54) o-Xylene	12.164	106	6230	0.914	ug/L		89
55) Styrene	12.176	104	9210	0.768	ug/L		86
57) 1,1,2,2-Tetrachloroethane	12.707	83	3907	1.010	ug/L	#	87
59) Bromoform	12.347	173	1759	1.027	ug/L	#	97
60) Isopropylbenzene	12.457	105	15357	0.962	ug/L	#	96
61) 1,2,3-Trichloropropane	12.762	75	2665	1.093	ug/L	#	83
62) 1,3,5-Trimethylbenzene	12.938	105	12009	0.906	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	10959	0.831	ug/L		95
64) 1,3-Dichlorobenzene	13.499	146	7475	1.040	ug/L		94
65) 1,4-Dichlorobenzene	13.572	146	9711	1.281	ug/L		82
67) 1,2-Dichlorobenzene	13.865	146	8303	1.238	ug/L	#	83
68) 1,2-Dibromo-3-chloropr...	14.481	75	756m	1.310	ug/L		
69) 1,3,5-Trichlorobenzene	14.621	180	4764m	1.020	ug/L		
70) 1,2,4-trichlorobenzene	15.127	180	3432	0.926	ug/L		97
71) Naphthalene	15.365	128	6074	0.741	ug/L	#	91
72) 1,2,3-Trichlorobenzene	15.548	180	3355	0.973	ug/L		96

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

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