Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090822\
Data File : VW024586.D
Acq On : 08 Sep 2022 12:58
Operator : SY/VA
Sample : N4015-04 MDL
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT3-2022-06

Quant Time: Sep 08 22:37:09 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	235186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	244378	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	112133	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	131242	27.029	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.120%			
7) Chloroethane-d5	2.873	69	96068	26.608	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.440%			
11) 1,1-Dichloroethene-d2	4.007	63	91866	17.932	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.720%			
21) 2-Butanone-d5	7.074	46	36639	46.774	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.540%			
24) Chloroform-d	7.647	84	144691	24.156	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.640%			
26) 1,2-Dichloroethane-d4	8.305	65	88793	26.292	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.160%			
32) Benzene-d6	8.275	84	285752	23.771	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.080%			
36) 1,2-Dichloropropane-d6	9.269	67	79700	22.487	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.960%			
41) Toluene-d8	10.323	98	272341	23.240	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.960%			
43) trans-1,3-Dichloroprop...	10.579	79	34584	21.774	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.080%			
47) 2-Hexanone-d5	10.927	63	30929	47.476	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.960%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	74428	21.910	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.640%			
66) 1,2-Dichlorobenzene-d4	13.853	152	86458	24.343	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	1124m	0.998	ug/L	
5) Vinyl chloride	2.349	62	8668m	1.468	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	4461m	1.418	ug/L	
12) 1,1-Dichloroethene	4.032	96	3828	1.424	ug/L #	1
13) Acetone	4.123	43	2572m	3.859	ug/L	
14) Carbon disulfide	4.373	76	8031	1.129	ug/L #	82
15) Methyl Acetate	4.672	43	1979m	1.405	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	3737m	1.213	ug/L	
18) Methyl tert-butyl Ether	5.428	73	6119m	1.116	ug/L	
19) 1,1-Dichloroethane	6.214	63	6824	1.218	ug/L #	94
20) cis-1,2-Dichloroethene	7.159	96	4538m	1.313	ug/L	
22) 2-Butanone	7.171	43	3984m	3.696	ug/L	
23) Bromochloromethane	7.513	128	1996m	1.262	ug/L	
25) Chloroform	7.677	83	7748	1.245	ug/L	100
27) 1,2-Dichloroethane	8.397	62	5487	1.311	ug/L #	86
29) Cyclohexane	7.958	56	4655	0.984	ug/L #	91
30) 1,1,1-Trichloroethane	7.866	97	5624	1.049	ug/L	92
31) Carbon tetrachloride	8.074	117	5025	1.027	ug/L	89
33) Benzene	8.317	78	17459m	1.259	ug/L	

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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)
34) Trichloroethene	9.086	95	4090	1.129	ug/L		93
35) Methylcyclohexane	9.336	83	5697	0.983	ug/L		96
37) 1,2-Dichloropropane	9.366	63	4028	1.163	ug/L		99
38) Bromodichloromethane	9.640	83	5072	1.036	ug/L	#	92
39) cis-1,3-Dichloropropene	10.067	75	5059	0.999	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	4799m	2.100	ug/L		
42) Toluene	10.390	91	17311	1.132	ug/L		94
45) 1,1,2-Trichloroethane	10.787	97	2949	1.019	ug/L	#	87
46) Tetrachloroethene	10.860	164	3184	1.193	ug/L		83
48) 2-Hexanone	10.969	43	3930m	2.508	ug/L		
49) Dibromochloromethane	11.128	129	3679	1.087	ug/L		73
50) 1,2-Dibromoethane	11.232	107	3036	1.080	ug/L		86
51) Chlorobenzene	11.658	112	11810	1.118	ug/L		98
52) Ethylbenzene	11.731	91	16280	0.938	ug/L		87
53) m,p-Xylene	11.835	106	5841	0.861	ug/L		95
54) o-Xylene	12.158	106	5761	0.892	ug/L		100
55) Styrene	12.177	104	9170	0.807	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	4342	1.185	ug/L		83
59) Bromoform	12.347	173	1724	1.058	ug/L	#	92
60) Isopropylbenzene	12.463	105	13629	0.898	ug/L		97
61) 1,2,3-Trichloropropane	12.774	75	2987m	1.288	ug/L		
62) 1,3,5-Trimethylbenzene	12.939	105	10567	0.838	ug/L		97
63) 1,2,4-Trimethylbenzene	13.243	105	9741	0.776	ug/L		97
64) 1,3-Dichlorobenzene	13.493	146	6601	0.965	ug/L		86
65) 1,4-Dichlorobenzene	13.579	146	7870	1.091	ug/L		90
67) 1,2-Dichlorobenzene	13.865	146	7745	1.214	ug/L	#	80
68) 1,2-Dibromo-3-chloropr...	14.481	75	871m	1.587	ug/L		
69) 1,3,5-Trichlorobenzene	14.627	180	4069	0.916	ug/L		94
70) 1,2,4-trichlorobenzene	15.127	180	3218	0.913	ug/L	#	90
71) Naphthalene	15.359	128	5731	0.735	ug/L	#	95
72) 1,2,3-Trichlorobenzene	15.548	180	2893	0.882	ug/L		96

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

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