Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027749.D
Acq On : 18 Dec 2023 23:45
Operator : SY/MD
Sample : 05891-05MS
Misc : 5.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCLR2MS

Quant Time: Dec 19 00:22:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	573289	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	517331	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	267441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	146295	18.019	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.080%			
7) Chloroethane-d5	2.899	69	120237	19.020	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.080%			
11) 1,1-Dichloroethene-d2	4.021	65	60638	18.648	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.600%			
21) 2-Butanone-d5	7.094	46	60834	44.001	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.000%			
24) Chloroform-d	7.648	84	285610	20.937	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.760%			
26) 1,2-Dichloroethane-d4	8.307	65	135880	21.214	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.840%			
32) Benzene-d6	8.276	84	615513	20.358	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.440%			
36) 1,2-Dichloropropane-d6	9.270	67	173926	20.305	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.200%			
41) Toluene-d8	10.319	98	570328	20.331	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.320%			
43) trans-1,3-Dichloroprop...	10.575	79	70397	21.227	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.920%			
47) 2-Hexanone-d5	10.922	63	60030	48.091	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.180%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142810	22.046	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.200%			
66) 1,2-Dichlorobenzene-d4	13.849	152	199583	20.848	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	118019	17.687	ug/L	90
3) Chloromethane	2.223	50	146182	18.600	ug/L	98
5) Vinyl chloride	2.375	62	177331	18.966	ug/L	96
6) Bromomethane	2.796	94	116269	19.536	ug/L	94
8) Chloroethane	2.936	64	108026	19.324	ug/L	97
9) Trichlorofluoromethane	3.271	101	169934	20.123	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	147375	20.544	ug/L	96
12) 1,1-Dichloroethene	4.045	96	143547	20.441	ug/L	94
13) Acetone	4.161	43	34839	27.759	ug/L	77
14) Carbon disulfide	4.387	76	452638	19.187	ug/L	99
15) Methyl Acetate	4.679	43	46042	20.306	ug/L	97
16) Methylene chloride	4.917	84	151467	16.850	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	149621	20.149	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	212580	21.653	ug/L	99
19) 1,1-Dichloroethane	6.216	63	253062	20.041	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	163261	20.886	ug/L	96
22) 2-Butanone	7.185	43	56406	33.845	ug/L	96
23) Bromochloromethane	7.520	128	70469	21.349	ug/L	98
25) Chloroform	7.679	83	256331	20.612	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155515	21.330	ug/L	97
29) Cyclohexane	7.953	56	231309	18.897	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	214836	19.880	ug/L	99
31) Carbon tetrachloride	8.069	117	185911	19.549	ug/L	95
33) Benzene	8.325	78	607183	20.247	ug/L	100
34) Trichloroethene	9.093	95	158271	19.361	ug/L	99
35) Methylcyclohexane	9.337	83	288065	19.538	ug/L	98
37) 1,2-Dichloropropane	9.368	63	144676	19.985	ug/L	99
38) Bromodichloromethane	9.642	83	178915	20.334	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	232084	21.034	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	135706	42.890	ug/L	100
42) Toluene	10.386	91	651427	20.188	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	179496	20.658	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	112175	20.930	ug/L	98
46) Tetrachloroethene	10.861	164	123858	18.975	ug/L	99
48) 2-Hexanone	10.965	43	93244	39.593	ug/L	100
49) Dibromochloromethane	11.129	129	118560	21.150	ug/L	95
50) 1,2-Dibromoethane	11.233	107	108080	21.220	ug/L	90
51) Chlorobenzene	11.660	112	419100	20.329	ug/L	89
52) Ethylbenzene	11.727	91	730615	20.094	ug/L	98
53) m,p-Xylene	11.837	106	280889	20.112	ug/L	99
54) o-Xylene	12.160	106	276252	21.242	ug/L	91
55) Styrene	12.178	104	457715	20.878	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	129209	21.149	ug/L	99
59) Bromoform	12.349	173	65878	20.124	ug/L	92
60) Isopropylbenzene	12.459	105	745475	19.750	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89114	19.993	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	610002	20.217	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	597056	20.102	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	328231	20.124	ug/L	86
65) 1,4-Dichlorobenzene	13.574	146	313502	19.135	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	296226	20.885	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	17535	19.692	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	214350	18.887	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	178891	19.194	ug/L	94
71) Naphthalene	15.360	128	353521	21.405	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	151292	19.415	ug/L	96

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

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