Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051923\
Data File : VW026012.D
Acq On : 19 May 2023 18:04
Operator : SY/MD
Sample : 02851-02MS
Misc : 2.91g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0FJ2MS

Quant Time: May 20 05:10:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 20 04:57:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	489635	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	382335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	138171	19.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.640%			
7) Chloroethane-d5	2.893	69	127920	24.868	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.480%			
11) 1,1-Dichloroethene-d2	4.015	65	71705	20.639	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.560%			
21) 2-Butanone-d5	7.075	46	68433	29.834	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.660%			
24) Chloroform-d	7.648	84	340080	24.087	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.360%			
26) 1,2-Dichloroethane-d4	8.301	65	178283	22.331	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.320%			
32) Benzene-d6	8.270	84	644192	25.786	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.160%			
36) 1,2-Dichloropropane-d6	9.270	67	211952	26.516	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.080%			
41) Toluene-d8	10.319	98	518940	23.294	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.160%			
43) trans-1,3-Dichloroprop...	10.575	79	57357	17.702	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.800%			
47) 2-Hexanone-d5	10.922	63	42164	30.934	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.860%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	138020	22.655	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.600%			
66) 1,2-Dichlorobenzene-d4	13.849	152	100668	21.794	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	122709	22.432	ug/L	98
3) Chloromethane	2.223	50	198814	24.649	ug/L	98
5) Vinyl chloride	2.369	62	205445	24.609	ug/L	99
6) Bromomethane	2.783	94	86735	19.102	ug/L	98
8) Chloroethane	2.930	64	129055	27.186	ug/L	99
9) Trichlorofluoromethane	3.265	101	194932	30.940	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	158697	23.161	ug/L	98
12) 1,1-Dichloroethene	4.039	96	159599	24.372	ug/L	91
13) Acetone	4.119	43	134292	66.027	ug/L	100
14) Carbon disulfide	4.381	76	491954	22.215	ug/L	99
15) Methyl Acetate	4.667	43	28673	7.154	ug/L	97
16) Methylene chloride	4.911	84	197217	19.531	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	165659	23.189	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	268071	24.724	ug/L	99
19) 1,1-Dichloroethane	6.216	63	365600	24.909	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	179693	23.446	ug/L	96
22) 2-Butanone	7.167	43	119570	42.576	ug/L	98
23) Bromochloromethane	7.514	128	77419	23.844	ug/L	94
25) Chloroform	7.673	83	339493	25.167	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	215964	22.543	ug/L	100
29) Cyclohexane	7.953	56	254921	21.515	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	275961	29.513	ug/L	99
31) Carbon tetrachloride	8.069	117	209920	24.947	ug/L	99
33) Benzene	8.325	78	736678	27.850	ug/L	100
34) Trichloroethene	9.093	95	175398	25.840	ug/L	97
35) Methylcyclohexane	9.331	83	189108	15.664	ug/L	98
37) 1,2-Dichloropropane	9.368	63	199351	27.507	ug/L	100
38) Bromodichloromethane	9.642	83	206187	24.799	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	193102	18.169	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	208316	44.161	ug/L	99
42) Toluene	10.386	91	712341	26.356	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	170415	19.352	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	121259	25.013	ug/L	97
46) Tetrachloroethene	10.861	164	99179	20.769	ug/L	93
48) 2-Hexanone	10.965	43	144587	42.785	ug/L	94
49) Dibromochloromethane	11.129	129	108925	21.703	ug/L	93
50) 1,2-Dibromoethane	11.233	107	99610	22.289	ug/L	96
51) Chlorobenzene	11.654	112	389059	23.236	ug/L	94
52) Ethylbenzene	11.727	91	684101	22.501	ug/L	98
53) m,p-Xylene	11.837	106	250851	22.418	ug/L	97
54) o-Xylene	12.166	106	235587	22.337	ug/L	89
55) Styrene	12.178	104	375721	20.813	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	129790	21.456	ug/L	95
59) Bromoform	12.343	173	53019	28.249	ug/L	96
60) Isopropylbenzene	12.459	105	572487	29.723	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	98924	33.034	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	392986	25.760	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	357948	25.427	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	186336	22.473	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	191814	22.898	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	162310	21.950	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	18576	26.750	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	69848	12.691	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	49080	10.644	ug/L	97
71) Naphthalene	15.360	128	105828	12.160	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	40167	9.818	ug/L	97

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

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