Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026402.D
Acq On : 28 Jun 2023 16:45
Operator : SY/MD
Sample : 03421-22MS
Misc : 4.49g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6MS

Quant Time: Jun 28 23:52:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 28 23:48:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	826350	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	698140	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	178608	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	309623	25.791	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.160%			
7) Chloroethane-d5	2.893	69	277257	32.488	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 129.960%			
11) 1,1-Dichloroethene-d2	4.021	65	139672	25.698	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.800%			
21) 2-Butanone-d5	7.075	46	177626	47.079	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.160%			
24) Chloroform-d	7.648	84	531151	22.683	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.720%			
26) 1,2-Dichloroethane-d4	8.307	65	321434	24.430	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.720%			
32) Benzene-d6	8.276	84	1041847	24.109	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.440%			
36) 1,2-Dichloropropane-d6	9.270	67	325526	23.183	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.720%			
41) Toluene-d8	10.325	98	821201	21.711	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.840%			
43) trans-1,3-Dichloroprop...	10.575	79	116048	20.584	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.320%			
47) 2-Hexanone-d5	10.922	63	118723	55.053	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.100%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252567	22.846	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.400%			
66) 1,2-Dichlorobenzene-d4	13.849	152	136916	22.016	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	175531	17.671	ug/L	89
3) Chloromethane	2.229	50	297295	20.698	ug/L	97
5) Vinyl chloride	2.375	62	312072	20.896	ug/L	99
6) Bromomethane	2.783	94	186001	22.691	ug/L	98
8) Chloroethane	2.930	64	217671	27.182	ug/L	99
9) Trichlorofluoromethane	3.265	101	228636	21.705	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	181288	15.897	ug/L	96
12) 1,1-Dichloroethene	4.045	96	211172	19.764	ug/L	84
13) Acetone	4.119	43	307867	101.946	ug/L	100
14) Carbon disulfide	4.387	76	604146	16.001	ug/L	99
15) Methyl Acetate	4.667	43	133282	19.252	ug/L	100
16) Methylene chloride	4.923	84	238056	17.024	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	218240	18.583	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	414354	22.559	ug/L	97
19) 1,1-Dichloroethane	6.216	63	476847	19.388	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	244070	19.231	ug/L	95
22) 2-Butanone	7.167	43	277816	60.125	ug/L	100
23) Bromochloromethane	7.514	128	105004	19.290	ug/L	95
25) Chloroform	7.679	83	445923	19.563	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	332334	20.278	ug/L		97
29) Cyclohexane	7.959	56	252551	12.527	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	345691	20.469	ug/L		99
31) Carbon tetrachloride	8.069	117	227368	14.976	ug/L		97
33) Benzene	8.325	78	951105	20.169	ug/L		100
34) Trichloroethene	9.093	95	222923	18.463	ug/L		97
35) Methylcyclohexane	9.331	83	157834	7.623	ug/L		99
37) 1,2-Dichloropropane	9.368	63	251238	19.069	ug/L		99
38) Bromodichloromethane	9.642	83	277288	18.327	ug/L		100
39) cis-1,3-Dichloropropene	10.075	75	333660	17.676	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	407367	47.902	ug/L		99
42) Toluene	10.386	91	876357	18.525	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	278446	17.475	ug/L		96
45) 1,1,2-Trichloroethane	10.782	97	164588	18.657	ug/L		97
46) Tetrachloroethene	10.861	164	107228	12.606	ug/L		95
48) 2-Hexanone	10.965	43	280191	46.694	ug/L		99
49) Dibromochloromethane	11.130	129	151005	16.717	ug/L		98
50) 1,2-Dibromoethane	11.233	107	153513	18.954	ug/L		99
51) Chlorobenzene	11.654	112	552832	18.321	ug/L		99
52) Ethylbenzene	11.727	91	923194	17.319	ug/L		97
53) m,p-Xylene	11.837	106	326354	16.787	ug/L		92
54) o-Xylene	12.166	106	317728	17.358	ug/L		91
55) Styrene	12.178	104	521592	16.338	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.709	83	207032	18.775	ug/L		99
59) Bromoform	12.349	173	87230	32.284	ug/L		98
60) Isopropylbenzene	12.459	105	642810	23.946	ug/L		99
61) 1,2,3-Trichloropropane	12.769	75	173392	39.937	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	432729	20.795	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	421095	20.981	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	198680	17.280	ug/L		92
65) 1,4-Dichlorobenzene	13.574	146	209341	18.193	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	185791	18.143	ug/L		89
68) 1,2-Dibromo-3-chloropr...	14.483	75	29419	29.399	ug/L		94
69) 1,3,5-Trichlorobenzene	14.623	180	62617	8.475	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	51230	8.473	ug/L	#	87
71) Naphthalene	15.360	128	189872	15.622	ug/L	#	93
72) 1,2,3-Trichlorobenzene	15.549	180	42262	7.487	ug/L	#	88

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

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