Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
Data File : VW026268.D
Acq On : 20 Jun 2023 14:32
Operator : SY/MD
Sample : 03334-06MSD
Misc : 5.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YBW01MSD

Quant Time: Jun 21 01:13:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 21 01:09:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	668473	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	586518	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166211	17.674	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.680%			
7) Chloroethane-d5	2.893	69	156941	22.294	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.160%			
11) 1,1-Dichloroethene-d2	4.021	65	90750	19.571	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.280%			
21) 2-Butanone-d5	7.075	46	197423	72.109	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 144.220%#			
24) Chloroform-d	7.648	84	448619	22.917	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.680%			
26) 1,2-Dichloroethane-d4	8.307	65	255170	23.839	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.360%			
32) Benzene-d6	8.270	84	842706	21.353	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.400%			
36) 1,2-Dichloropropane-d6	9.276	67	290170	23.208	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.840%			
41) Toluene-d8	10.325	98	712210	20.349	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.400%			
43) trans-1,3-Dichloroprop...	10.575	79	104078	21.006	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.040%			
47) 2-Hexanone-d5	10.922	63	129835	65.856	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.720%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	270006	29.676	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.720%			
66) 1,2-Dichlorobenzene-d4	13.855	152	223168	20.785	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	135337	16.515	ug/L	96
3) Chloromethane	2.216	50	215865	20.544	ug/L	96
5) Vinyl chloride	2.369	62	245465	21.855	ug/L	96
6) Bromomethane	2.783	94	129589	21.165	ug/L	98
8) Chloroethane	2.924	64	145282	23.937	ug/L	97
9) Trichlorofluoromethane	3.259	101	182495	25.256	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	201109	22.057	ug/L	98
12) 1,1-Dichloroethene	4.039	96	187831	22.069	ug/L	82
13) Acetone	4.118	43	162380	76.650	ug/L	96
14) Carbon disulfide	4.387	76	548854	18.268	ug/L	100
15) Methyl Acetate	4.667	43	131283	27.612	ug/L	99
16) Methylene chloride	4.917	84	235087	22.034	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	197800	20.714	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	371230	24.666	ug/L	100
19) 1,1-Dichloroethane	6.216	63	426032	21.915	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	294252	29.091	ug/L	98
22) 2-Butanone	7.167	43	202080	66.871	ug/L	97
23) Bromochloromethane	7.520	128	91133	21.126	ug/L	96
25) Chloroform	7.679	83	399157	22.044	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288538	23.105	ug/L		99
29) Cyclohexane	7.953	56	375485	20.736	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	328346	23.069	ug/L		99
31) Carbon tetrachloride	8.069	117	283781	21.849	ug/L		97
33) Benzene	8.325	78	874386	21.763	ug/L		100
34) Trichloroethene	9.093	95	500511	48.649	ug/L		98
35) Methylcyclohexane	9.337	83	369233	20.282	ug/L		99
37) 1,2-Dichloropropane	9.367	63	247824	22.773	ug/L		100
38) Bromodichloromethane	9.642	83	282705	22.360	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	349463	21.852	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	368675	57.462	ug/L		100
42) Toluene	10.386	91	892004	21.706	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	299083	22.448	ug/L		96
45) 1,1,2-Trichloroethane	10.788	97	173897	24.246	ug/L		98
46) Tetrachloroethene	10.861	164	187162	25.720	ug/L		95
48) 2-Hexanone	10.965	43	274845	60.754	ug/L		98
49) Dibromochloromethane	11.129	129	175703	23.366	ug/L		99
50) 1,2-Dibromoethane	11.233	107	157491	23.715	ug/L		96
51) Chlorobenzene	11.654	112	543444	21.103	ug/L		98
52) Ethylbenzene	11.727	91	989458	21.344	ug/L		98
53) m,p-Xylene	11.837	106	371447	21.539	ug/L		90
54) o-Xylene	12.166	106	347504	21.349	ug/L		98
55) Styrene	12.178	104	606841	21.731	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.708	83	227988	26.266	ug/L		95
59) Bromoform	12.343	173	99597	23.639	ug/L		99
60) Isopropylbenzene	12.465	105	974557	22.115	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	167889	26.719	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	771781	22.031	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	689146	21.479	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	373566	20.162	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	381962	20.476	ug/L		91
67) 1,2-Dichlorobenzene	13.867	146	344734	20.719	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.476	75	37271	25.602	ug/L	#	80
69) 1,3,5-Trichlorobenzene	14.623	180	247871	19.475	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	182044	17.334	ug/L		98
71) Naphthalene	15.360	128	404506	21.611	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	178111	19.405	ug/L		98

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

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