Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051523\
Data File : VW025978.D
Acq On : 15 May 2023 12:37
Operator : SY/MD
Sample : 02769-03MS
Misc : 5.13g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBW01MS

Quant Time: May 15 23:35:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Mon May 15 23:34:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	635752	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	578693	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	289609	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	189767	21.064	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.240%			
7) Chloroethane-d5	2.893	69	140522	21.039	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.160%			
11) 1,1-Dichloroethene-d2	4.021	65	98658	21.870	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.480%			
21) 2-Butanone-d5	7.069	46	229869	77.182	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 154.360%#			
24) Chloroform-d	7.648	84	463899	25.305	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.240%			
26) 1,2-Dichloroethane-d4	8.307	65	282513	27.253	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.000%			
32) Benzene-d6	8.270	84	871414	23.045	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.200%			
36) 1,2-Dichloropropane-d6	9.270	67	303390	25.077	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.320%			
41) Toluene-d8	10.325	98	782110	23.195	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.800%			
43) trans-1,3-Dichloroprop...	10.575	79	127850	26.070	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.280%			
47) 2-Hexanone-d5	10.922	63	171079	82.927	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 165.860%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	317365	34.417	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 137.680%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	259594	24.589	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	138084	19.441	ug/L	90
3) Chloromethane	2.222	50	225248	21.508	ug/L	95
5) Vinyl chloride	2.375	62	229333	21.157	ug/L	99
6) Bromomethane	2.789	94	110090	18.673	ug/L	94
8) Chloroethane	2.936	64	121985	19.791	ug/L	94
9) Trichlorofluoromethane	3.265	101	163397	19.974	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	195242	21.945	ug/L	94
12) 1,1-Dichloroethene	4.045	96	182012	21.407	ug/L	99
13) Acetone	4.112	43	272273	103.100	ug/L	99
14) Carbon disulfide	4.387	76	571205	19.865	ug/L	100
15) Methyl Acetate	4.667	43	152320	29.269	ug/L	98
16) Methylene chloride	4.923	84	246932	18.834	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	195955	21.126	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	372332	26.448	ug/L	99
19) 1,1-Dichloroethane	6.216	63	425255	22.314	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	221808	22.289	ug/L	96
22) 2-Butanone	7.167	43	234351	64.267	ug/L	100
23) Bromochloromethane	7.514	128	101641	24.110	ug/L	97
25) Chloroform	7.679	83	403650	23.045	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Mon May 15 23:34:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	303713	24.416	ug/L	99
29) Cyclohexane	7.959	56	361077	20.134	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	305002	21.551	ug/L	100
31) Carbon tetrachloride	8.069	117	273924	21.507	ug/L	99
33) Benzene	8.325	78	872738	21.798	ug/L	100
34) Trichloroethene	9.093	95	213710	20.802	ug/L	98
35) Methylcyclohexane	9.331	83	357190	19.548	ug/L	100
37) 1,2-Dichloropropane	9.368	63	252300	23.001	ug/L	100
38) Bromodichloromethane	9.642	83	295137	23.452	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	378089	23.504	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	468172	65.571	ug/L	99
42) Toluene	10.386	91	909215	22.225	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	333622	25.030	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	191395	26.084	ug/L	99
46) Tetrachloroethene	10.861	164	155165	21.468	ug/L	88
48) 2-Hexanone	10.965	43	335832	65.657	ug/L	99
49) Dibromochloromethane	11.123	129	193973	25.534	ug/L	98
50) 1,2-Dibromoethane	11.233	107	182315	26.952	ug/L	99
51) Chlorobenzene	11.654	112	559616	22.082	ug/L	94
52) Ethylbenzene	11.727	91	996892	21.663	ug/L	99
53) m,p-Xylene	11.837	106	366127	21.618	ug/L	95
54) o-Xylene	12.160	106	354067	22.180	ug/L	97
55) Styrene	12.178	104	528949	19.359	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	266611	29.120	ug/L	98
59) Bromoform	12.349	173	119062	27.755	ug/L	100
60) Isopropylbenzene	12.465	105	940329	21.360	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	197162	28.806	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	746874	21.420	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	716244	22.261	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	402581	21.244	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	403931	21.098	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	379355	22.446	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	47309	29.808	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	225891	17.957	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	194116	18.420	ug/L	98
71) Naphthalene	15.360	128	502353	25.256	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	188897	20.201	ug/L	97

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

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