Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
Data File : VW025427.D
Acq On : 17 Mar 2023 20:07
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

Quant Time: Mar 17 21:44:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 17 21:39:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	634808	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	568145	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	280812	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	208434	19.748	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.000%			
7) Chloroethane-d5	2.899	69	163972	21.590	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.360%			
11) 1,1-Dichloroethene-d2	4.027	63	463551	22.738	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.960%			
21) 2-Butanone-d5	7.075	46	179393	69.242	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.480%#			
24) Chloroform-d	7.648	84	457945	25.023	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.080%			
26) 1,2-Dichloroethane-d4	8.300	65	258871	26.355	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.400%			
32) Benzene-d6	8.276	84	922763	23.770	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.080%			
36) 1,2-Dichloropropane-d6	9.270	67	296135	24.658	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.640%			
41) Toluene-d8	10.318	98	827123	24.165	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.680%			
43) trans-1,3-Dichloroprop...	10.574	79	115985	24.253	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.000%			
47) 2-Hexanone-d5	10.922	63	120526	69.791	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.580%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	260969	29.660	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.640%			
66) 1,2-Dichlorobenzene-d4	13.854	152	253591	24.284	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	166763	22.987	ug/L	91
3) Chloromethane	2.222	50	231535	26.835	ug/L	100
5) Vinyl chloride	2.375	62	245521	25.187	ug/L	99
6) Bromomethane	2.783	94	130745	25.158	ug/L	97
8) Chloroethane	2.929	64	146149	26.086	ug/L	93
9) Trichlorofluoromethane	3.265	101	169340	20.071	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	222492	27.193	ug/L	98
12) 1,1-Dichloroethene	4.051	96	205043	25.902	ug/L	89
13) Acetone	4.118	43	111392	44.726	ug/L	99
14) Carbon disulfide	4.392	76	642936	26.122	ug/L	98
15) Methyl Acetate	4.667	43	149409	31.978	ug/L	98
16) Methylene chloride	4.923	84	223219	25.253	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	221748	26.722	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	348134	27.866	ug/L	99
19) 1,1-Dichloroethane	6.215	63	460525	26.799	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	240949	26.519	ug/L	95
22) 2-Butanone	7.172	43	199306	61.862	ug/L	98
23) Bromochloromethane	7.514	128	105229	26.932	ug/L	95
25) Chloroform	7.672	83	429617	26.594	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	306591	28.438	ug/L	98
29) Cyclohexane	7.953	56	450920	28.117	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	341100	25.256	ug/L	100
31) Carbon tetrachloride	8.069	117	304956	25.190	ug/L	96
33) Benzene	8.319	78	968646	26.667	ug/L	100
34) Trichloroethene	9.087	95	243995	25.593	ug/L	96
35) Methylcyclohexane	9.331	83	458102	27.894	ug/L	99
37) 1,2-Dichloropropane	9.367	63	264370	26.440	ug/L	100
38) Bromodichloromethane	9.642	83	305652	26.212	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	380933	26.446	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	417261	69.433	ug/L	99
42) Toluene	10.385	91	996768	26.577	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	327236	27.128	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	189497	28.221	ug/L	98
46) Tetrachloroethene	10.861	164	172441	25.420	ug/L	98
48) 2-Hexanone	10.964	43	295004	68.231	ug/L	99
49) Dibromochloromethane	11.129	129	193474	26.967	ug/L	99
50) 1,2-Dibromoethane	11.233	107	179518	28.883	ug/L	92
51) Chlorobenzene	11.653	112	612270	25.723	ug/L	98
52) Ethylbenzene	11.727	91	1138943	26.627	ug/L	96
53) m,p-Xylene	11.836	106	426660	27.044	ug/L	96
54) o-Xylene	12.159	106	401334	27.034	ug/L	100
55) Styrene	12.178	104	690646	27.243	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	250507	29.992	ug/L	98
59) Bromoform	12.348	173	113371	27.983	ug/L	99
60) Isopropylbenzene	12.464	105	1106293	26.428	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	186303	30.451	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	891508	26.890	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	897444	27.478	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	447269	25.215	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	459331	25.245	ug/L	99
67) 1,2-Dichlorobenzene	13.866	146	419519	26.370	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	41894	29.578	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	294156	24.395	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	248996	24.906	ug/L	98
71) Naphthalene	15.360	128	621830	31.510	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	222539	24.783	ug/L	96

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

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