Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041823\
Data File : VW025571.D
Acq On : 18 Apr 2023 13:24
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Quant Time: Apr 19 04:08:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 11 01:56:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	799984	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	710289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	349635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	253814	19.497	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.000%			
7) Chloroethane-d5	2.899	69	196432	21.194	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.760%			
11) 1,1-Dichloroethene-d2	4.027	63	576745	21.907	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.640%			
21) 2-Butanone-d5	7.075	46	143825	49.524	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.040%			
24) Chloroform-d	7.648	84	524717	23.361	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.440%			
26) 1,2-Dichloroethane-d4	8.301	65	273161	23.376	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.520%			
32) Benzene-d6	8.276	84	1059471	23.036	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.160%			
36) 1,2-Dichloropropane-d6	9.270	67	329857	23.002	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.000%			
41) Toluene-d8	10.319	98	942114	23.450	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.800%			
43) trans-1,3-Dichloroprop...	10.575	79	124916	23.234	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.920%			
47) 2-Hexanone-d5	10.922	63	101252	51.655	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.320%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238496	24.640	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.560%			
66) 1,2-Dichlorobenzene-d4	13.849	152	283244	23.581	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	258918	23.144	ug/L	99
3) Chloromethane	2.229	50	306978	23.652	ug/L	100
5) Vinyl chloride	2.381	62	347697	24.234	ug/L	96
6) Bromomethane	2.796	94	181968	23.577	ug/L	99
8) Chloroethane	2.942	64	197937	24.632	ug/L	95
9) Trichlorofluoromethane	3.271	101	267885	24.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	290303	26.172	ug/L	98
12) 1,1-Dichloroethene	4.045	96	277517	24.995	ug/L	96
13) Acetone	4.119	43	143226	58.271	ug/L	100
14) Carbon disulfide	4.393	76	911955	23.281	ug/L	100
15) Methyl Acetate	4.673	43	137778	24.950	ug/L	98
16) Methylene chloride	4.923	84	307529	24.185	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	293331	24.850	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	407250	25.000	ug/L	100
19) 1,1-Dichloroethane	6.216	63	602236	25.536	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	314159	25.580	ug/L	95
22) 2-Butanone	7.167	43	186835	53.471	ug/L	100
23) Bromochloromethane	7.514	128	124792	24.777	ug/L	92
25) Chloroform	7.679	83	555661	25.765	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	364133	25.160	ug/L	98
29) Cyclohexane	7.959	56	580384	25.246	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	449068	25.445	ug/L	99
31) Carbon tetrachloride	8.069	117	416974	26.162	ug/L	99
33) Benzene	8.325	78	1255757	25.400	ug/L	100
34) Trichloroethene	9.093	95	319689	24.860	ug/L	94
35) Methylcyclohexane	9.331	83	583658	25.135	ug/L	99
37) 1,2-Dichloropropane	9.368	63	333879	25.571	ug/L	99
38) Bromodichloromethane	9.642	83	386336	25.861	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	488888	26.103	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	373501	50.538	ug/L	100
42) Toluene	10.386	91	1309701	26.016	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	402920	26.089	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	211383	25.390	ug/L	97
46) Tetrachloroethene	10.861	164	234716	25.952	ug/L	88
48) 2-Hexanone	10.965	43	272762	53.416	ug/L	96
49) Dibromochloromethane	11.123	129	232914	26.572	ug/L	94
50) 1,2-Dibromoethane	11.233	107	193044	25.236	ug/L	99
51) Chlorobenzene	11.654	112	779444	25.126	ug/L	98
52) Ethylbenzene	11.727	91	1481478	26.005	ug/L	98
53) m,p-Xylene	11.837	106	547151	26.190	ug/L	99
54) o-Xylene	12.160	106	519944	26.603	ug/L	95
55) Styrene	12.178	104	883333	26.852	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	250203	25.090	ug/L	97
59) Bromoform	12.349	173	122670	25.604	ug/L	95
60) Isopropylbenzene	12.459	105	1450053	26.476	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	180452	24.902	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1185946	27.430	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1139680	27.376	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	590410	26.013	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	596519	25.735	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	497577	25.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	38967	24.513	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	396847	26.116	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	314721	25.496	ug/L	98
71) Naphthalene	15.360	128	598494	25.984	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	281626	26.094	ug/L	97

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

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