Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053123\
Data File : VW026099.D
Acq On : 31 May 2023 09:50
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025504

Quant Time: Jun 01 01:23:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 31 01:56:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	667428	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	599347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	292533	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	260034	27.695	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.760%			
7) Chloroethane-d5	2.893	69	177703	25.283	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.120%			
11) 1,1-Dichloroethene-d2	4.021	65	124848	26.966	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.880%			
21) 2-Butanone-d5	7.075	46	138138	50.534	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.060%			
24) Chloroform-d	7.648	84	492607	25.204	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.800%			
26) 1,2-Dichloroethane-d4	8.300	65	266222	24.910	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.640%			
32) Benzene-d6	8.270	84	1019976	25.291	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.160%			
36) 1,2-Dichloropropane-d6	9.270	67	319235	24.986	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.960%			
41) Toluene-d8	10.318	98	900893	25.189	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.760%			
43) trans-1,3-Dichloroprop...	10.574	79	118814	23.467	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.880%			
47) 2-Hexanone-d5	10.922	63	102398	50.828	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.660%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	230714	24.815	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	267298	23.872	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	185476	22.669	ug/L	91
3) Chloromethane	2.222	50	269998	25.736	ug/L	97
5) Vinyl chloride	2.375	62	282784	25.217	ug/L	98
6) Bromomethane	2.789	94	152631	24.967	ug/L	100
8) Chloroethane	2.929	64	132850	21.923	ug/L	93
9) Trichlorofluoromethane	3.259	101	173276	24.018	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	220649	24.238	ug/L	98
12) 1,1-Dichloroethene	4.045	96	211959	24.943	ug/L	81
13) Acetone	4.112	43	111840	52.876	ug/L	98
14) Carbon disulfide	4.386	76	734752	24.493	ug/L	99
15) Methyl Acetate	4.661	43	117886	24.833	ug/L	99
16) Methylene chloride	4.917	84	232402	21.816	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	226736	23.781	ug/L	93
18) Methyl tert-butyl Ether	5.417	73	328141	21.837	ug/L	100
19) 1,1-Dichloroethane	6.209	63	460000	23.699	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	234454	23.215	ug/L	96
22) 2-Butanone	7.166	43	155263	51.459	ug/L	99
23) Bromochloromethane	7.508	128	101106	23.475	ug/L	97
25) Chloroform	7.672	83	423168	23.407	ug/L	99

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 31 01:56:06 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	291621	23.388	ug/L		98
29) Cyclohexane	7.953	56	446186	24.113	ug/L		99
30) 1,1,1-Trichloroethane	7.867	97	339475	23.340	ug/L		100
31) Carbon tetrachloride	8.069	117	307175	23.144	ug/L		99
33) Benzene	8.319	78	975398	23.757	ug/L		100
34) Trichloroethene	9.093	95	243748	23.185	ug/L		96
35) Methylcyclohexane	9.331	83	455133	24.465	ug/L		99
37) 1,2-Dichloropropane	9.367	63	261931	23.554	ug/L		100
38) Bromodichloromethane	9.642	83	298365	23.094	ug/L		98
39) cis-1,3-Dichloropropene	10.068	75	377741	23.115	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	319217	48.689	ug/L		100
42) Toluene	10.385	91	1006897	23.977	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	314925	23.131	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	173367	23.655	ug/L		97
46) Tetrachloroethene	10.861	164	176354	23.716	ug/L		93
48) 2-Hexanone	10.964	43	230529	49.868	ug/L		99
49) Dibromochloromethane	11.123	129	175358	22.821	ug/L		99
50) 1,2-Dibromoethane	11.233	107	156522	23.065	ug/L		95
51) Chlorobenzene	11.653	112	603583	22.937	ug/L		99
52) Ethylbenzene	11.727	91	1125465	23.758	ug/L		99
53) m,p-Xylene	11.836	106	420602	23.867	ug/L		99
54) o-Xylene	12.165	106	391337	23.527	ug/L		99
55) Styrene	12.178	104	685076	24.008	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	212435	23.950	ug/L		96
59) Bromoform	12.348	173	98363	22.387	ug/L	#	99
60) Isopropylbenzene	12.458	105	1078705	23.473	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	153274	23.391	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	861517	23.583	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	792079	23.673	ug/L		100
64) 1,3-Dichlorobenzene	13.494	146	452269	23.407	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	456831	23.483	ug/L		95
67) 1,2-Dichlorobenzene	13.866	146	406467	23.426	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.476	75	32835	21.628	ug/L		96
69) 1,3,5-Trichlorobenzene	14.622	180	287852	21.687	ug/L		100
70) 1,2,4-trichlorobenzene	15.128	180	231679	21.154	ug/L		98
71) Naphthalene	15.360	128	430943	22.077	ug/L		99
72) 1,2,3-Trichlorobenzene	15.543	180	201340	21.035	ug/L		97

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

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