Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062223\
Data File : VW026293.D
Acq On : 22 Jun 2023 09:52
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

Quant Time: Jun 23 01:00:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 22 01:33:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	643160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	284550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	175695	19.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.680%			
7) Chloroethane-d5	2.899	69	172138	25.415	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.640%			
11) 1,1-Dichloroethene-d2	4.021	65	94124	21.097	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.400%			
21) 2-Butanone-d5	7.075	46	151995	57.701	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.400%			
24) Chloroform-d	7.648	84	471871	25.054	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	8.301	65	248177	24.098	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	8.276	84	883993	22.456	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.840%			
36) 1,2-Dichloropropane-d6	9.270	67	291711	23.391	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.560%			
41) Toluene-d8	10.325	98	754643	21.616	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.480%			
43) trans-1,3-Dichloroprop...	10.575	79	102716	20.784	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.120%			
47) 2-Hexanone-d5	10.922	63	102232	51.988	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.980%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	236853	26.099	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	13.855	152	253736	23.297	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	159298	20.204	ug/L	97
3) Chloromethane	2.223	50	222632	22.022	ug/L	97
5) Vinyl chloride	2.375	62	252975	23.410	ug/L	99
6) Bromomethane	2.790	94	136110	23.105	ug/L	96
8) Chloroethane	2.930	64	153305	26.253	ug/L	97
9) Trichlorofluoromethane	3.265	101	187418	26.959	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	209274	23.856	ug/L	99
12) 1,1-Dichloroethene	4.045	96	191057	23.332	ug/L #	75
13) Acetone	4.119	43	103239	50.651	ug/L	98
14) Carbon disulfide	4.387	76	572385	19.801	ug/L	99
15) Methyl Acetate	4.667	43	106276	23.232	ug/L	100
16) Methylene chloride	4.911	84	232762	22.675	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	198763	21.634	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	302762	20.909	ug/L	99
19) 1,1-Dichloroethane	6.216	63	435829	23.301	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	220978	22.706	ug/L	98
22) 2-Butanone	7.173	43	140780	48.419	ug/L	97
23) Bromochloromethane	7.514	128	91028	21.932	ug/L	92
25) Chloroform	7.679	83	408055	23.423	ug/L	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 22 01:33:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270684	22.528	ug/L	99
29) Cyclohexane	7.953	56	369219	20.442	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	328971	23.172	ug/L	99
31) Carbon tetrachloride	8.069	117	292315	22.563	ug/L	98
33) Benzene	8.319	78	901771	22.502	ug/L	100
34) Trichloroethene	9.087	95	221890	21.623	ug/L	96
35) Methylcyclohexane	9.337	83	376397	20.728	ug/L	99
37) 1,2-Dichloropropane	9.368	63	243892	22.469	ug/L	99
38) Bromodichloromethane	9.642	83	284776	22.582	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	348836	21.868	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	287071	44.858	ug/L	100
42) Toluene	10.386	91	919675	22.436	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	291220	21.914	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	157788	22.056	ug/L	99
46) Tetrachloroethene	10.861	164	155452	21.417	ug/L	94
48) 2-Hexanone	10.965	43	202558	44.890	ug/L	97
49) Dibromochloromethane	11.130	129	167093	22.277	ug/L	97
50) 1,2-Dibromoethane	11.233	107	139807	21.106	ug/L	97
51) Chlorobenzene	11.654	112	561471	21.859	ug/L	96
52) Ethylbenzene	11.727	91	1043317	22.563	ug/L	98
53) m,p-Xylene	11.837	106	386613	22.475	ug/L	99
54) o-Xylene	12.166	106	362770	22.344	ug/L	96
55) Styrene	12.178	104	634371	22.775	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	193625	22.364	ug/L	96
59) Bromoform	12.349	173	86237	20.178	ug/L	99
60) Isopropylbenzene	12.459	105	1020198	22.823	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	140145	21.988	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	810420	22.806	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	737341	22.655	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	412009	21.921	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	424325	22.424	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	369426	21.888	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	28676	19.419	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	261502	20.255	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	206933	19.424	ug/L	99
71) Naphthalene	15.360	128	371408	19.561	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	184307	19.795	ug/L	97

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

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