Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062223\
Data File : VW026310.D
Acq On : 22 Jun 2023 19:29
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Quant Time: Jun 23 01:07:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 23 01:02:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	618766	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	553748	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	277494	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	157449	18.088	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.360%			
7) Chloroethane-d5	2.893	69	157893	24.231	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.920%			
11) 1,1-Dichloroethene-d2	4.027	65	83205	19.385	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.560%			
21) 2-Butanone-d5	7.075	46	188499	74.380	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 148.760%#			
24) Chloroform-d	7.648	84	457996	25.276	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.120%			
26) 1,2-Dichloroethane-d4	8.307	65	256501	25.888	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.560%			
32) Benzene-d6	8.270	84	847241	22.738	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.960%			
36) 1,2-Dichloropropane-d6	9.276	67	290475	24.607	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.440%			
41) Toluene-d8	10.325	98	729105	22.064	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.240%			
43) trans-1,3-Dichloroprop...	10.575	79	100141	21.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.640%			
47) 2-Hexanone-d5	10.922	63	128073	68.807	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 137.620%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	269308	31.351	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 125.400%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	243327	22.909	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	127383	16.793	ug/L	95
3) Chloromethane	2.222	50	202626	20.833	ug/L	98
5) Vinyl chloride	2.375	62	222747	21.426	ug/L	99
6) Bromomethane	2.783	94	123346	21.764	ug/L	98
8) Chloroethane	2.930	64	137862	24.539	ug/L	100
9) Trichlorofluoromethane	3.265	101	154655	23.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	182610	21.637	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	164101	20.830	ug/L	85
13) Acetone	4.118	43	93108	47.481	ug/L	99
14) Carbon disulfide	4.393	76	495557	17.819	ug/L	99
15) Methyl Acetate	4.661	43	118736	26.979	ug/L	99
16) Methylene chloride	4.917	84	212241	21.491	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	181915	20.581	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	310048	22.256	ug/L	99
19) 1,1-Dichloroethane	6.216	63	405363	22.526	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	209138	22.337	ug/L	98
22) 2-Butanone	7.167	43	155526	55.600	ug/L	96
23) Bromochloromethane	7.514	128	85698	21.462	ug/L	84
25) Chloroform	7.679	83	384541	22.943	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri Jun 23 01:02:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	265400	22.959	ug/L	99
29) Cyclohexane	7.959	56	335384	19.618	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	292528	21.769	ug/L	97
31) Carbon tetrachloride	8.069	117	264588	21.577	ug/L	98
33) Benzene	8.319	78	833764	21.980	ug/L	100
34) Trichloroethene	9.093	95	204786	21.083	ug/L	99
35) Methylcyclohexane	9.337	83	341030	19.841	ug/L	99
37) 1,2-Dichloropropane	9.367	63	233629	22.739	ug/L	99
38) Bromodichloromethane	9.642	83	269515	22.579	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	326865	21.648	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	334080	55.152	ug/L	99
42) Toluene	10.386	91	858097	22.116	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	272541	21.667	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	161042	23.782	ug/L	98
46) Tetrachloroethene	10.861	164	139063	20.241	ug/L	97
48) 2-Hexanone	10.965	43	231875	54.289	ug/L	98
49) Dibromochloromethane	11.129	129	162427	22.878	ug/L	90
50) 1,2-Dibromoethane	11.233	107	146676	23.394	ug/L	100
51) Chlorobenzene	11.654	112	525363	21.608	ug/L	99
52) Ethylbenzene	11.727	91	961607	21.971	ug/L	100
53) m,p-Xylene	11.837	106	355318	21.823	ug/L	96
54) o-Xylene	12.160	106	336931	21.924	ug/L	93
55) Styrene	12.178	104	594171	22.537	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	207832	25.361	ug/L	95
59) Bromoform	12.349	173	92977	22.308	ug/L	99
60) Isopropylbenzene	12.458	105	928861	21.308	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	151939	24.444	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	733447	21.165	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	679430	21.406	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	385733	21.045	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	392405	21.265	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	362847	22.045	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	33588	23.323	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	245453	19.495	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	187828	18.079	ug/L	98
71) Naphthalene	15.360	128	409705	22.127	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	180413	19.870	ug/L	97

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

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