Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061523\
Data File : VW026192.D
Acq On : 15 Jun 2023 10:03
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025519

Quant Time: Jun 16 06:20:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 14 23:24:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	657876	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	301428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	192368	20.785	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.160%			
7) Chloroethane-d5	2.899	69	170793	24.652	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.600%			
11) 1,1-Dichloroethene-d2	4.021	65	95552	20.938	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.760%			
21) 2-Butanone-d5	7.075	46	130835	48.557	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.120%			
24) Chloroform-d	7.648	84	446494	23.176	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.720%			
26) 1,2-Dichloroethane-d4	8.307	65	233146	22.132	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.520%			
32) Benzene-d6	8.270	84	869390	21.391	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.560%			
36) 1,2-Dichloropropane-d6	9.270	67	280303	21.769	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.080%			
41) Toluene-d8	10.325	98	739541	20.518	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.080%			
43) trans-1,3-Dichloroprop...	10.575	79	98220	19.250	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.000%			
47) 2-Hexanone-d5	10.922	63	90710	44.679	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.360%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213515	22.788	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.160%			
66) 1,2-Dichlorobenzene-d4	13.848	152	238430	20.666	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	187977	23.309	ug/L	96
3) Chloromethane	2.222	50	254172	24.580	ug/L	97
5) Vinyl chloride	2.375	62	281235	25.443	ug/L	100
6) Bromomethane	2.789	94	153041	25.398	ug/L	98
8) Chloroethane	2.930	64	165357	27.684	ug/L	95
9) Trichlorofluoromethane	3.265	101	196621	27.650	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	215578	24.025	ug/L	97
12) 1,1-Dichloroethene	4.045	96	207808	24.809	ug/L	76
13) Acetone	4.112	43	109170	52.363	ug/L	75
14) Carbon disulfide	4.393	76	662073	22.391	ug/L	100
15) Methyl Acetate	4.667	43	107524	22.979	ug/L	100
16) Methylene chloride	4.917	84	233193	22.208	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	219843	23.393	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	326534	22.046	ug/L	99
19) 1,1-Dichloroethane	6.216	63	466229	24.369	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	240677	24.177	ug/L	98
22) 2-Butanone	7.167	43	145831	49.035	ug/L	99
23) Bromochloromethane	7.514	128	98953	23.308	ug/L	96
25) Chloroform	7.679	83	432089	24.247	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Wed Jun 14 23:24:58 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288145	23.445	ug/L	97
29) Cyclohexane	7.959	56	427218	22.910	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	350295	23.898	ug/L	99
31) Carbon tetrachloride	8.075	117	313135	23.411	ug/L	98
33) Benzene	8.319	78	964907	23.320	ug/L	100
34) Trichloroethene	9.093	95	243587	22.991	ug/L	97
35) Methylcyclohexane	9.337	83	439989	23.469	ug/L	99
37) 1,2-Dichloropropane	9.367	63	263977	23.555	ug/L	100
38) Bromodichloromethane	9.642	83	298947	22.960	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	378200	22.964	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	299814	45.376	ug/L	100
42) Toluene	10.386	91	991917	23.438	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	308046	22.452	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	169505	22.949	ug/L	98
46) Tetrachloroethene	10.861	164	173828	23.196	ug/L	91
48) 2-Hexanone	10.965	43	210370	45.156	ug/L	97
49) Dibromochloromethane	11.129	129	175363	22.645	ug/L	96
50) 1,2-Dibromoethane	11.233	107	150900	22.065	ug/L	97
51) Chlorobenzene	11.654	112	611591	23.062	ug/L	97
52) Ethylbenzene	11.727	91	1136211	23.800	ug/L	98
53) m,p-Xylene	11.837	106	416396	23.446	ug/L	93
54) o-Xylene	12.166	106	389649	23.245	ug/L	99
55) Styrene	12.178	104	695879	24.198	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	203430	22.758	ug/L	97
59) Bromoform	12.349	173	91406	20.190	ug/L	95
60) Isopropylbenzene	12.458	105	1113651	23.518	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	147218	21.804	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	857394	22.777	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	808057	23.438	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	454216	22.814	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	440788	21.990	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	404849	22.644	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	31110	19.887	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	283120	20.701	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	232434	20.596	ug/L	95
71) Naphthalene	15.354	128	401502	19.962	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	202282	20.510	ug/L	98

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

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