Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081123\
Data File : VW026697.D
Acq On : 11 Aug 2023 08:57
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

Quant Time: Aug 12 00:35:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 02:00:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	550176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	522933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	286339	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	234093	25.883	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.520%			
7) Chloroethane-d5	2.893	69	175283	26.063	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.240%			
11) 1,1-Dichloroethene-d2	4.021	65	109333	24.579	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.320%			
21) 2-Butanone-d5	7.081	46	107394	41.313	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.620%			
24) Chloroform-d	7.648	84	469053	25.402	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.600%			
26) 1,2-Dichloroethane-d4	8.307	65	251614	24.692	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.760%			
32) Benzene-d6	8.276	84	977031	27.109	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.440%			
36) 1,2-Dichloropropane-d6	9.276	67	292056	26.016	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.080%			
41) Toluene-d8	10.319	98	839396	27.132	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.520%			
43) trans-1,3-Dichloroprop...	10.575	79	118061	25.471	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.880%			
47) 2-Hexanone-d5	10.922	63	53152	45.059	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.120%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215684	24.328	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.320%			
66) 1,2-Dichlorobenzene-d4	13.849	152	251635	24.553	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	198270	26.506	ug/L #	86
3) Chloromethane	2.223	50	259801	25.400	ug/L	99
5) Vinyl chloride	2.375	62	274365	28.059	ug/L	100
6) Bromomethane	2.783	94	149640	26.267	ug/L	98
8) Chloroethane	2.936	64	157441	26.872	ug/L	99
9) Trichlorofluoromethane	3.265	101	215200	26.817	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	233154	26.898	ug/L	98
12) 1,1-Dichloroethene	4.045	96	219608	27.005	ug/L	94
13) Acetone	4.131	43	128629	49.766	ug/L	97
14) Carbon disulfide	4.393	76	786872	26.896	ug/L	99
15) Methyl Acetate	4.667	43	118194	22.829	ug/L	100
16) Methylene chloride	4.923	84	268241	25.204	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	244410	26.934	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	343326	25.005	ug/L	99
19) 1,1-Dichloroethane	6.216	63	493702	26.434	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	256904	26.339	ug/L	98
22) 2-Butanone	7.173	43	174770	45.883	ug/L	100
23) Bromochloromethane	7.514	128	107134	25.427	ug/L	97
25) Chloroform	7.679	83	462478	25.632	ug/L	100

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QLast Update : Fri Aug 11 02:00:25 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	314040	24.949	ug/L		98
29) Cyclohexane	7.959	56	464381	28.716	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	376938	27.619	ug/L		99
31) Carbon tetrachloride	8.069	117	343775	27.549	ug/L		96
33) Benzene	8.325	78	1047813	27.515	ug/L		100
34) Trichloroethene	9.093	95	264139	27.234	ug/L		99
35) Methylcyclohexane	9.337	83	481654	29.029	ug/L		99
37) 1,2-Dichloropropane	9.368	63	282766	27.109	ug/L		99
38) Bromodichloromethane	9.642	83	319652	26.123	ug/L		100
39) cis-1,3-Dichloropropene	10.069	75	408720	27.238	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	324949	47.893	ug/L		100
42) Toluene	10.386	91	1090253	28.301	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	345943	26.784	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	184353	25.842	ug/L		98
46) Tetrachloroethene	10.861	164	189822	26.939	ug/L		97
48) 2-Hexanone	10.965	43	242147	52.449	ug/L		100
49) Dibromochloromethane	11.129	129	195178	26.159	ug/L		92
50) 1,2-Dibromoethane	11.233	107	167151	24.972	ug/L		92
51) Chlorobenzene	11.654	112	651970	26.793	ug/L		99
52) Ethylbenzene	11.727	91	1228523	28.438	ug/L		98
53) m,p-Xylene	11.837	106	458287	28.636	ug/L		90
54) o-Xylene	12.166	106	420804	28.173	ug/L		98
55) Styrene	12.178	104	746510	28.744	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	220912	24.452	ug/L		100
59) Bromoform	12.349	173	109850	24.490	ug/L		95
60) Isopropylbenzene	12.459	105	1169153	27.463	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	163433	23.530	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	959036	28.501	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	950645	28.830	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	487730	26.343	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	482307	24.962	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	430299	25.558	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.476	75	36163	21.597	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.623	180	308320	24.649	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	246938	23.285	ug/L		95
71) Naphthalene	15.360	128	468273	23.148	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	224546	23.475	ug/L		98

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

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