Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100623\
Data File : VW027270.D
Acq On : 06 Oct 2023 18:35
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025517

Quant Time: Oct 07 01:21:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 07 00:22:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	685140	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	660024	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	381523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	186204	17.298	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.200%			
7) Chloroethane-d5	2.899	69	176443	20.739	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.960%			
11) 1,1-Dichloroethene-d2	4.021	65	86929	19.437	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.760%			
21) 2-Butanone-d5	7.081	46	113727	51.105	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.220%			
24) Chloroform-d	7.648	84	437919	21.839	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.360%			
26) 1,2-Dichloroethane-d4	8.306	65	219674	22.860	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.440%			
32) Benzene-d6	8.276	84	853508	21.100	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.400%			
36) 1,2-Dichloropropane-d6	9.276	67	264249	21.820	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.280%			
41) Toluene-d8	10.324	98	752249	21.074	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.280%			
43) trans-1,3-Dichloroprop...	10.580	79	104301	21.947	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.800%			
47) 2-Hexanone-d5	10.922	63	97550	52.658	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.320%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	221990	23.953	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	13.854	152	256278	20.034	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.027	85	240662	27.033	ug/L #	88
3) Chloromethane	2.228	50	275516	22.927	ug/L	97
5) Vinyl chloride	2.381	62	301374	22.970	ug/L	98
6) Bromomethane	2.789	94	213080	24.651	ug/L	99
8) Chloroethane	2.935	64	207414	26.048	ug/L	99
9) Trichlorofluoromethane	3.271	101	234558	21.271	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	271953	24.512	ug/L	97
12) 1,1-Dichloroethene	4.045	96	258580	24.396	ug/L	83
13) Acetone	4.124	43	165185	60.070	ug/L	95
14) Carbon disulfide	4.393	76	769098	21.618	ug/L	99
15) Methyl Acetate	4.673	43	121203	26.297	ug/L	98
16) Methylene chloride	4.929	84	314935	23.481	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	281743	24.704	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	376430	26.376	ug/L #	82
19) 1,1-Dichloroethane	6.221	63	544352	25.594	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	312525	25.707	ug/L	89
22) 2-Butanone	7.173	43	203461	59.825	ug/L	96
23) Bromochloromethane	7.520	128	132230	23.837	ug/L	92
25) Chloroform	7.679	83	550481	26.537	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Sat Oct 07 00:22:13 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	362836	28.553	ug/L	98
29) Cyclohexane	7.959	56	457154	26.034	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	421725	25.704	ug/L	97
31) Carbon tetrachloride	8.069	117	382918	24.709	ug/L	99
33) Benzene	8.325	78	1225508	26.270	ug/L	100
34) Trichloroethene	9.093	95	311903	25.603	ug/L	90
35) Methylcyclohexane	9.337	83	533440	26.035	ug/L	98
37) 1,2-Dichloropropane	9.367	63	327894	27.279	ug/L	100
38) Bromodichloromethane	9.642	83	387396	26.834	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	469426	26.505	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	355228	60.916	ug/L	98
42) Toluene	10.385	91	1306233	27.266	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	402137	27.704	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	231573	26.622	ug/L	96
46) Tetrachloroethene	10.861	164	221079	23.086	ug/L	93
48) 2-Hexanone	10.965	43	288566	63.121	ug/L	99
49) Dibromochloromethane	11.129	129	243101	25.769	ug/L	96
50) 1,2-Dibromoethane	11.233	107	213307	26.426	ug/L	94
51) Chlorobenzene	11.653	112	805060	25.323	ug/L	99
52) Ethylbenzene	11.727	91	1467666	27.270	ug/L	97
53) m,p-Xylene	11.836	106	546448	26.479	ug/L	87
54) o-Xylene	12.166	106	517295	26.833	ug/L	99
55) Styrene	12.178	104	926507	27.919	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	284700	27.286	ug/L	96
59) Bromoform	12.342	173	143719	23.855	ug/L	99
60) Isopropylbenzene	12.458	105	1450170	25.813	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	200674	25.691	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1136275	25.797	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	1104883	25.597	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	602783	23.247	ug/L	85
65) 1,4-Dichlorobenzene	13.580	146	639838	24.561	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	547364	24.084	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	41965	25.082	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	392787	23.525	ug/L	92
70) 1,2,4-trichlorobenzene	15.128	180	313743	23.817	ug/L	99
71) Naphthalene	15.360	128	589818	25.377	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	285535	24.419	ug/L	99

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

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