Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
Data File : VW031157.D
Acq On : 06 Dec 2024 18:11
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

Quant Time: Dec 07 02:52:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 23:31:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	347758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	310193	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	157921	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	82533	15.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.680%			
7) Chloroethane-d5	2.893	69	69815	16.815	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.240%			
11) 1,1-Dichloroethene-d2	4.021	65	54462	22.306	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.240%			
21) 2-Butanone-d5	7.100	46	48501	51.821	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.640%			
24) Chloroform-d	7.648	84	259299	25.458	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.840%			
26) 1,2-Dichloroethane-d4	8.301	65	136670	27.269	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.080%			
32) Benzene-d6	8.270	84	479810	25.167	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.680%			
36) 1,2-Dichloropropane-d6	9.270	67	140960	25.241	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.960%			
41) Toluene-d8	10.319	98	450198	26.166	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.680%			
43) trans-1,3-Dichloroprop...	10.575	79	62237	27.681	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.720%			
47) 2-Hexanone-d5	10.922	63	41367	63.225	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.440%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108263	28.725	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.880%			
66) 1,2-Dichlorobenzene-d4	13.849	152	135987	24.244	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	119641	27.244	ug/L	99
3) Chloromethane	2.216	50	86500	16.701	ug/L	100
5) Vinyl chloride	2.369	62	109104	17.536	ug/L	93
6) Bromomethane	2.790	94	84123	21.263	ug/L	96
8) Chloroethane	2.930	64	66013	17.739	ug/L	95
9) Trichlorofluoromethane	3.265	101	153240	23.408	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	127137	25.563	ug/L	92
12) 1,1-Dichloroethene	4.045	96	118819	24.058	ug/L	99
13) Acetone	4.167	43	56111	33.300	ug/L	71
14) Carbon disulfide	4.381	76	376562	23.249	ug/L	99
15) Methyl Acetate	4.686	43	40579	22.950	ug/L	94
16) Methylene chloride	4.917	84	123870	24.611	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	131607	25.068	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	210415	28.648	ug/L	99
19) 1,1-Dichloroethane	6.210	63	245726	25.447	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	141728	25.701	ug/L	95
22) 2-Butanone	7.185	43	70095	44.264	ug/L	96
23) Bromochloromethane	7.514	128	60517	25.847	ug/L	85
25) Chloroform	7.673	83	265525	26.437	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri Dec 06 23:31:46 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	171613	27.740	ug/L		97
29) Cyclohexane	7.953	56	195068	24.984	ug/L		97
30) 1,1,1-Trichloroethane	7.868	97	212554	25.440	ug/L		98
31) Carbon tetrachloride	8.069	117	192871	25.261	ug/L		100
33) Benzene	8.319	78	546333	26.045	ug/L		100
34) Trichloroethene	9.087	95	147245	25.448	ug/L		88
35) Methylcyclohexane	9.331	83	230743	25.061	ug/L		98
37) 1,2-Dichloropropane	9.368	63	135359	25.941	ug/L		99
38) Bromodichloromethane	9.642	83	181991	26.645	ug/L		94
39) cis-1,3-Dichloropropene	10.069	75	219143	27.816	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	129669	55.494	ug/L		99
42) Toluene	10.380	91	589833	26.693	ug/L		93
44) trans-1,3-Dichloropropene	10.605	75	185703	28.672	ug/L		96
45) 1,1,2-Trichloroethane	10.782	97	99182	27.657	ug/L		96
46) Tetrachloroethene	10.861	164	106971	24.939	ug/L		91
48) 2-Hexanone	10.965	43	99659	47.142	ug/L		98
49) Dibromochloromethane	11.123	129	109878	27.814	ug/L		95
50) 1,2-Dibromoethane	11.227	107	95466	28.487	ug/L	#	82
51) Chlorobenzene	11.654	112	364905	25.871	ug/L		91
52) Ethylbenzene	11.727	91	670889	26.793	ug/L		99
53) m,p-Xylene	11.831	106	244806	26.269	ug/L		89
54) o-Xylene	12.160	106	232719	26.843	ug/L		90
55) Styrene	12.178	104	389516	26.690	ug/L		90
57) 1,1,2,2-Tetrachloroethane	12.709	83	114367	29.439	ug/L		93
59) Bromoform	12.349	173	58769	25.467	ug/L	#	95
60) Isopropylbenzene	12.459	105	662778	25.998	ug/L		96
61) 1,2,3-Trichloropropane	12.763	75	83583	28.326	ug/L		98
62) 1,3,5-Trimethylbenzene	12.934	105	536117	26.706	ug/L		91
63) 1,2,4-Trimethylbenzene	13.245	105	533272	27.042	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	273086	24.564	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	262629	23.386	ug/L		93
67) 1,2-Dichlorobenzene	13.861	146	239591	24.637	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.483	75	19089	29.793	ug/L		83
69) 1,3,5-Trichlorobenzene	14.623	180	179263	23.730	ug/L		100
70) 1,2,4-trichlorobenzene	15.129	180	145190	24.511	ug/L		98
71) Naphthalene	15.360	128	281274	29.475	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	131016	25.841	ug/L		94

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

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