Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012624\
Data File : VW027859.D
Acq On : 26 Jan 2024 12:38
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

Quant Time: Jan 26 23:38:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 25 00:24:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	319492	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	302603	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154506	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	75174	19.278	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.120%			
7) Chloroethane-d5	2.899	69	48138	14.081	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 56.320%			
11) 1,1-Dichloroethene-d2	4.027	65	32729	18.658	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.640%			
21) 2-Butanone-d5	7.087	46	44524	69.049	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.100%#			
24) Chloroform-d	7.648	84	180563	23.372	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.480%			
26) 1,2-Dichloroethane-d4	8.307	65	90185	25.766	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.080%			
32) Benzene-d6	8.276	84	368158	21.436	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.760%			
36) 1,2-Dichloropropane-d6	9.270	67	106790	22.475	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.920%			
41) Toluene-d8	10.319	98	352183	21.935	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.720%			
43) trans-1,3-Dichloroprop...	10.575	79	46870	25.377	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.520%			
47) 2-Hexanone-d5	10.922	63	42919	68.815	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 137.640%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101563	30.005	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.040%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	135393	24.928	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	60314	18.199	ug/L	92
3) Chloromethane	2.229	50	77275	18.763	ug/L	97
5) Vinyl chloride	2.375	62	91972	22.126	ug/L	94
6) Bromomethane	2.789	94	65081	20.108	ug/L	98
8) Chloroethane	2.936	64	41974	15.327	ug/L	97
9) Trichlorofluoromethane	3.265	101	74395	15.597	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	78767	20.290	ug/L	96
12) 1,1-Dichloroethene	4.051	96	77054	20.276	ug/L	92
13) Acetone	4.149	43	35867	43.522	ug/L	99
14) Carbon disulfide	4.399	76	226652	19.402	ug/L	99
15) Methyl Acetate	4.685	43	32957	29.396	ug/L	95
16) Methylene chloride	4.923	84	88425	19.090	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	85922	21.161	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	124512	25.099	ug/L	100
19) 1,1-Dichloroethane	6.222	63	149906	21.762	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	98284	22.255	ug/L	99
22) 2-Butanone	7.179	43	48201	60.297	ug/L	97
23) Bromochloromethane	7.514	128	45558	23.776	ug/L	95
25) Chloroform	7.679	83	162253	22.784	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Thu Jan 25 00:24:22 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	101205	25.144	ug/L		100
29) Cyclohexane	7.959	56	123250	20.017	ug/L		98
30) 1,1,1-Trichloroethane	7.868	97	126043	20.768	ug/L		99
31) Carbon tetrachloride	8.069	117	114333	21.716	ug/L		98
33) Benzene	8.319	78	350081	20.959	ug/L		100
34) Trichloroethene	9.093	95	95013	20.811	ug/L		98
35) Methylcyclohexane	9.331	83	156253	20.335	ug/L		99
37) 1,2-Dichloropropane	9.368	63	86780	21.566	ug/L		100
38) Bromodichloromethane	9.642	83	115896	23.034	ug/L		96
39) cis-1,3-Dichloropropene	10.069	75	144402	23.289	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	94175	59.999	ug/L		99
42) Toluene	10.386	91	390733	21.495	ug/L		95
44) trans-1,3-Dichloropropene	10.605	75	118847	24.831	ug/L		96
45) 1,1,2-Trichloroethane	10.788	97	75163	24.933	ug/L		94
46) Tetrachloroethene	10.861	164	79750	21.423	ug/L		96
48) 2-Hexanone	10.965	43	70306	61.862	ug/L		99
49) Dibromochloromethane	11.123	129	83832	25.450	ug/L		98
50) 1,2-Dibromoethane	11.233	107	70408	25.340	ug/L		92
51) Chlorobenzene	11.654	112	256201	21.344	ug/L		98
52) Ethylbenzene	11.727	91	440648	21.505	ug/L		98
53) m,p-Xylene	11.837	106	171736	21.534	ug/L		99
54) o-Xylene	12.160	106	165833	22.198	ug/L		91
55) Styrene	12.178	104	289944	22.974	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	90851	27.953	ug/L		100
59) Bromoform	12.343	173	50467	26.601	ug/L	#	94
60) Isopropylbenzene	12.458	105	438775	20.887	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	63601	27.185	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	368470	21.832	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	371487	22.184	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	208536	21.639	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	213330	22.647	ug/L		90
67) 1,2-Dichlorobenzene	13.867	146	192993	23.496	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.476	75	13543	29.662	ug/L		96
69) 1,3,5-Trichlorobenzene	14.623	180	157409	23.723	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	129778	23.821	ug/L		91
71) Naphthalene	15.360	128	253395	28.314	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	114259	24.938	ug/L		99

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

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