Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072724\
Data File : VW029779.D
Acq On : 27 Jul 2024 14:23
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Quant Time: Jul 29 04:48:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jul 29 04:44:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	219237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	207362	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	104023	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	56929	18.291	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.160%			
7) Chloroethane-d5	2.899	69	45498	20.475	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.920%			
11) 1,1-Dichloroethene-d2	4.021	65	27322	19.230	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.920%			
21) 2-Butanone-d5	7.075	46	41243	48.346	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.700%			
24) Chloroform-d	7.648	84	139449	24.571	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.280%			
26) 1,2-Dichloroethane-d4	8.307	65	78631	24.325	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.280%			
32) Benzene-d6	8.276	84	253568	22.632	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.520%			
36) 1,2-Dichloropropane-d6	9.270	67	82551	23.075	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.280%			
41) Toluene-d8	10.325	98	231366	23.224	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.880%			
43) trans-1,3-Dichloroprop...	10.575	79	33021	22.810	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.240%			
47) 2-Hexanone-d5	10.922	63	27928	47.343	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.680%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66017	24.852	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.400%			
66) 1,2-Dichlorobenzene-d4	13.848	152	69491	21.514	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	72295	24.464	ug/L	100
3) Chloromethane	2.223	50	101735	27.821	ug/L	98
5) Vinyl chloride	2.375	62	108336	26.440	ug/L	97
6) Bromomethane	2.783	94	62195	27.643	ug/L	93
8) Chloroethane	2.936	64	64881	27.835	ug/L	98
9) Trichlorofluoromethane	3.265	101	83457	25.500	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	81088	24.876	ug/L	95
12) 1,1-Dichloroethene	4.045	96	78162	26.097	ug/L	98
13) Acetone	4.119	43	45976	43.367	ug/L	96
14) Carbon disulfide	4.393	76	270370	27.126	ug/L	99
15) Methyl Acetate	4.667	43	50117	28.382	ug/L	100
16) Methylene chloride	4.923	84	103660	22.617	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	87440	27.092	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	141951	26.686	ug/L	97
19) 1,1-Dichloroethane	6.216	63	186630	27.417	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	96881	27.673	ug/L	99
22) 2-Butanone	7.167	43	66871	49.228	ug/L	99
23) Bromochloromethane	7.514	128	41861	28.165	ug/L	96
25) Chloroform	7.673	83	183077	28.546	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Mon Jul 29 04:44:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133004	28.457	ug/L	100
29) Cyclohexane	7.959	56	153488	26.047	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	137267	26.140	ug/L	99
31) Carbon tetrachloride	8.069	117	126709	26.779	ug/L	100
33) Benzene	8.325	78	387519	27.275	ug/L	100
34) Trichloroethene	9.093	95	98977	26.574	ug/L	95
35) Methylcyclohexane	9.331	83	159419	25.687	ug/L	97
37) 1,2-Dichloropropane	9.368	63	107740	27.672	ug/L	100
38) Bromodichloromethane	9.642	83	127306	27.457	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	153770	27.119	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	142543	57.638	ug/L	99
42) Toluene	10.386	91	399558	27.551	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	129213	27.450	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70383	26.908	ug/L	95
46) Tetrachloroethene	10.855	164	70021	25.866	ug/L	91
48) 2-Hexanone	10.965	43	101892	55.010	ug/L	98
49) Dibromochloromethane	11.123	129	75019	27.627	ug/L	97
50) 1,2-Dibromoethane	11.233	107	68078	28.129	ug/L	95
51) Chlorobenzene	11.654	112	246857	27.365	ug/L	96
52) Ethylbenzene	11.727	91	452646	27.670	ug/L	99
53) m,p-Xylene	11.837	106	167352	27.816	ug/L	100
54) o-Xylene	12.160	106	159845	28.851	ug/L	96
55) Styrene	12.178	104	286042	29.785	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	89289	27.812	ug/L	99
59) Bromoform	12.343	173	41437	26.473	ug/L	94
60) Isopropylbenzene	12.458	105	445227	27.660	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68172	26.946	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	356716	29.814	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	351729	27.488	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	181185	26.382	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	188840	26.769	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	165306	26.438	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15129	26.337	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	116269	24.744	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	103246	26.081	ug/L	91
71) Naphthalene	15.360	128	209055	27.677	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95547	26.667	ug/L	97

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

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