Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111424\
Data File : VW031015.D
Acq On : 14 Nov 2024 09:51
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

Quant Time: Nov 15 04:00:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 14 00:30:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	401472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	357359	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	182611	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	120079	18.237	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.960%			
7) Chloroethane-d5	2.899	69	103793	20.553	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.200%			
11) 1,1-Dichloroethene-d2	4.027	65	58324	21.467	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.880%			
21) 2-Butanone-d5	7.075	46	50656	46.749	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.500%			
24) Chloroform-d	7.648	84	310872	26.266	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.080%			
26) 1,2-Dichloroethane-d4	8.307	65	140965	23.955	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.800%			
32) Benzene-d6	8.276	84	591569	26.646	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.600%			
36) 1,2-Dichloropropane-d6	9.270	67	175697	26.846	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.400%			
41) Toluene-d8	10.325	98	543112	27.274	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.080%			
43) trans-1,3-Dichloroprop...	10.575	79	63698	24.011	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.040%			
47) 2-Hexanone-d5	10.922	63	41784	49.262	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.520%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	117978	25.874	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.480%			
66) 1,2-Dichlorobenzene-d4	13.855	152	165757	24.919	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	96865	22.651	ug/L	98
3) Chloromethane	2.223	50	104698	18.169	ug/L	96
5) Vinyl chloride	2.375	62	140126	20.519	ug/L	96
6) Bromomethane	2.789	94	90553	20.195	ug/L	98
8) Chloroethane	2.936	64	85428	20.635	ug/L	100
9) Trichlorofluoromethane	3.271	101	155054	24.879	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	146302	25.499	ug/L	91
12) 1,1-Dichloroethene	4.051	96	131377	25.317	ug/L #	79
13) Acetone	4.125	43	60546	45.749	ug/L	95
14) Carbon disulfide	4.387	76	380813	22.323	ug/L	99
15) Methyl Acetate	4.673	43	41030	21.136	ug/L	99
16) Methylene chloride	4.917	84	138892	24.471	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	141173	24.798	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	176611	22.985	ug/L	98
19) 1,1-Dichloroethane	6.222	63	262770	24.735	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	152061	25.178	ug/L	94
22) 2-Butanone	7.167	43	63945	43.146	ug/L	99
23) Bromochloromethane	7.514	128	66727	25.229	ug/L	99
25) Chloroform	7.679	83	281342	25.170	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	156440	22.473	ug/L	96
29) Cyclohexane	7.959	56	215327	25.144	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	239341	26.073	ug/L	98
31) Carbon tetrachloride	8.069	117	217188	26.330	ug/L	99
33) Benzene	8.325	78	610277	26.495	ug/L	100
34) Trichloroethene	9.093	95	157223	24.753	ug/L	96
35) Methylcyclohexane	9.337	83	264405	26.265	ug/L	96
37) 1,2-Dichloropropane	9.368	63	150974	26.227	ug/L	99
38) Bromodichloromethane	9.648	83	193777	25.633	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	218713	25.398	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	109912	41.751	ug/L	95
42) Toluene	10.386	91	663231	27.191	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	173609	24.268	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	104272	25.236	ug/L	98
46) Tetrachloroethene	10.861	164	129952	26.763	ug/L	94
48) 2-Hexanone	10.965	43	87175	43.525	ug/L	94
49) Dibromochloromethane	11.129	129	117885	26.167	ug/L	100
50) 1,2-Dibromoethane	11.233	107	93268	24.477	ug/L	97
51) Chlorobenzene	11.654	112	408087	26.142	ug/L	99
52) Ethylbenzene	11.727	91	748809	27.170	ug/L	98
53) m,p-Xylene	11.837	106	286466	27.637	ug/L	100
54) o-Xylene	12.166	106	266409	27.932	ug/L	91
55) Styrene	12.178	104	462874	28.404	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	108586	24.081	ug/L	98
59) Bromoform	12.349	173	65368	25.069	ug/L	98
60) Isopropylbenzene	12.465	105	738118	26.498	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74358	21.719	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	606049	27.633	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	586946	27.481	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	323629	26.460	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	323987	25.802	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	280869	25.766	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	14957	20.635	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	223671	27.558	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	163139	25.314	ug/L	96
71) Naphthalene	15.360	128	243765	23.332	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	152238	27.410	ug/L	92

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

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