Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050124\
Data File : VW028556.D
Acq On : 01 May 2024 11:01
Operator : SY/MD
Sample : P2321-02MS
Misc : 5.15g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

Quant Time: May 02 02:20:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 02 02:18:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	383942	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286736	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	92721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105760	17.182	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.720%			
7) Chloroethane-d5	2.899	69	97915	20.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.960%			
11) 1,1-Dichloroethene-d2	4.021	65	48383	18.562	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.240%			
21) 2-Butanone-d5	7.081	46	61388	53.297	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.600%			
24) Chloroform-d	7.654	84	239964	23.952	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	8.307	65	125227	24.052	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.200%			
32) Benzene-d6	8.276	84	432915	27.637	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.560%			
36) 1,2-Dichloropropane-d6	9.276	67	136998	29.423	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 117.680%			
41) Toluene-d8	10.319	98	349739	24.554	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.200%			
43) trans-1,3-Dichloroprop...	10.575	79	43286	23.380	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.520%			
47) 2-Hexanone-d5	10.922	63	40205	62.337	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.680%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94707	28.829	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.320%			
66) 1,2-Dichlorobenzene-d4	13.848	152	66818	22.787	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	127921	24.772	ug/L	96
3) Chloromethane	2.229	50	155342	25.622	ug/L	99
5) Vinyl chloride	2.375	62	168551	23.344	ug/L	98
6) Bromomethane	2.789	94	99233	21.998	ug/L	100
8) Chloroethane	2.936	64	111914	25.712	ug/L	99
9) Trichlorofluoromethane	3.271	101	163453	28.377	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	127076	23.450	ug/L	94
12) 1,1-Dichloroethene	4.045	96	116866	22.968	ug/L	92
13) Acetone	4.125	43	132262	93.521	ug/L	100
14) Carbon disulfide	4.393	76	300877	17.961	ug/L	99
15) Methyl Acetate	4.673	43	50660	22.263	ug/L	98
16) Methylene chloride	4.923	84	136484	23.492	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	117874	21.993	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	203568	27.001	ug/L	98
19) 1,1-Dichloroethane	6.222	63	269515	25.809	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	133555	23.478	ug/L	97
22) 2-Butanone	7.173	43	104728	61.019	ug/L	96
23) Bromochloromethane	7.514	128	56906	23.225	ug/L	85
25) Chloroform	7.679	83	262207	25.561	ug/L	95

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 02 02:18:04 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	173433	24.496	ug/L		100
29) Cyclohexane	7.959	56	185612	24.507	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	216051	31.068	ug/L		99
31) Carbon tetrachloride	8.069	117	173455	28.128	ug/L		99
33) Benzene	8.325	78	532805	29.720	ug/L		100
34) Trichloroethene	9.093	95	126599	26.058	ug/L		98
35) Methylcyclohexane	9.337	83	142421	17.179	ug/L		99
37) 1,2-Dichloropropane	9.367	63	141301	30.240	ug/L		100
38) Bromodichloromethane	9.642	83	164803	28.455	ug/L		97
39) cis-1,3-Dichloropropene	10.075	75	174982	25.537	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	168607	72.082	ug/L		99
42) Toluene	10.386	91	517886	27.268	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	136214	24.573	ug/L		98
45) 1,1,2-Trichloroethane	10.788	97	92263	29.186	ug/L		96
46) Tetrachloroethene	10.861	164	78149	21.534	ug/L		90
48) 2-Hexanone	10.965	43	123814	66.685	ug/L		97
49) Dibromochloromethane	11.129	129	86969	25.740	ug/L		100
50) 1,2-Dibromoethane	11.233	107	75941	26.320	ug/L		92
51) Chlorobenzene	11.654	112	279177	23.648	ug/L		97
52) Ethylbenzene	11.727	91	511613	23.763	ug/L		98
53) m,p-Xylene	11.837	106	180351	22.526	ug/L		96
54) o-Xylene	12.160	106	179110	24.026	ug/L		97
55) Styrene	12.178	104	269910	21.273	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	97373	27.218	ug/L		99
59) Bromoform	12.349	173	43344	35.414	ug/L		98
60) Isopropylbenzene	12.458	105	445330	32.037	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	74128	43.728	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	256485	28.949	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	307978	28.885	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	135298	22.939	ug/L		91
65) 1,4-Dichlorobenzene	13.574	146	129192	21.533	ug/L		97
67) 1,2-Dichlorobenzene	13.861	146	116640	22.482	ug/L	#	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	13617	35.054	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.623	180	57212	14.096	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	40480	12.772	ug/L		93
71) Naphthalene	15.360	128	123042	21.935	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	34510	12.270	ug/L		98

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

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