Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
Data File : VW030920.D
Acq On : 04 Nov 2024 21:02
Operator : SY/MD
Sample : P4604-02MS
Misc : 5.51g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ED4MS

Quant Time: Nov 05 00:44:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 05 00:39:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	625898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	565526	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	268470	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	191032	18.609	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.440%			
7) Chloroethane-d5	2.893	69	150558	19.123	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.480%			
11) 1,1-Dichloroethene-d2	4.021	65	77349	18.261	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.040%			
21) 2-Butanone-d5	7.081	46	71606	42.388	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.780%			
24) Chloroform-d	7.648	84	387914	21.023	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.080%			
26) 1,2-Dichloroethane-d4	8.307	65	188755	20.575	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.280%			
32) Benzene-d6	8.276	84	753708	21.453	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.800%			
36) 1,2-Dichloropropane-d6	9.270	67	221386	21.375	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.520%			
41) Toluene-d8	10.319	98	663685	21.060	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.240%			
43) trans-1,3-Dichloroprop...	10.575	79	90322	21.515	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.040%			
47) 2-Hexanone-d5	10.922	63	59197	44.102	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.200%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	153253	21.239	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.960%			
66) 1,2-Dichlorobenzene-d4	13.848	152	207044	21.172	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	84345	12.651	ug/L	100
3) Chloromethane	2.222	50	132453	14.744	ug/L	97
5) Vinyl chloride	2.375	62	137929	12.955	ug/L	97
6) Bromomethane	2.783	94	100548	14.383	ug/L	93
8) Chloroethane	2.936	64	91825	14.227	ug/L	95
9) Trichlorofluoromethane	3.259	101	117492	12.092	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	120018	13.418	ug/L	95
12) 1,1-Dichloroethene	4.051	96	110511	13.660	ug/L	91
13) Acetone	4.125	43	44949	21.786	ug/L	100
14) Carbon disulfide	4.393	76	361123	13.579	ug/L	99
15) Methyl Acetate	4.673	43	47851	15.811	ug/L	98
16) Methylene chloride	4.923	84	136293	15.403	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	132954	14.980	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	200540	16.741	ug/L	99
19) 1,1-Dichloroethane	6.216	63	257273	15.534	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	149354	15.863	ug/L	99
22) 2-Butanone	7.173	43	64291	27.825	ug/L	98
23) Bromochloromethane	7.514	128	67241	16.307	ug/L	98
25) Chloroform	7.673	83	272661	15.647	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	166233	15.317	ug/L	97
29) Cyclohexane	7.953	56	183006	13.504	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	197057	13.565	ug/L	99
31) Carbon tetrachloride	8.069	117	175144	13.417	ug/L	98
33) Benzene	8.319	78	579626	15.902	ug/L	100
34) Trichloroethene	9.093	95	142753	14.202	ug/L	96
35) Methylcyclohexane	9.331	83	208023	13.058	ug/L	99
37) 1,2-Dichloropropane	9.367	63	147338	16.174	ug/L	99
38) Bromodichloromethane	9.642	83	189161	15.812	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	224479	16.472	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	141590	33.986	ug/L	100
42) Toluene	10.386	91	594241	15.395	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	180203	15.917	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	103749	15.867	ug/L	98
46) Tetrachloroethene	10.861	164	95982	12.491	ug/L	90
48) 2-Hexanone	10.965	43	100594	31.738	ug/L	98
49) Dibromochloromethane	11.123	129	110825	15.545	ug/L	99
50) 1,2-Dibromoethane	11.233	107	94428	15.660	ug/L	96
51) Chlorobenzene	11.654	112	375017	15.181	ug/L	98
52) Ethylbenzene	11.727	91	608367	13.949	ug/L	99
53) m,p-Xylene	11.837	106	231005	14.083	ug/L	97
54) o-Xylene	12.160	106	230387	15.264	ug/L	93
55) Styrene	12.178	104	396026	15.357	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	115165	16.139	ug/L	99
59) Bromoform	12.343	173	63603	16.591	ug/L	98
60) Isopropylbenzene	12.458	105	554313	13.536	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81997	16.291	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	435475	13.506	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	447442	14.250	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	269705	14.999	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	269888	14.620	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	243076	15.167	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	17525	16.446	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	156129	13.084	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	140530	14.832	ug/L	100
71) Naphthalene	15.360	128	279647	18.207	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	134812	16.510	ug/L	96

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

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