Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
Data File : VW022759.D
Acq On : 02 May 2022 23:06
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025510

Quant Time: May 03 01:47:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 03 01:41:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	321547	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	311900	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171185	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	163288	24.752	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.000%			
7) Chloroethane-d5	2.885	69	115513	26.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.640%			
11) 1,1-Dichloroethene-d2	4.019	63	195093	22.887	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.560%			
21) 2-Butanone-d5	7.080	46	72569	57.856	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.720%			
24) Chloroform-d	7.647	84	251720	26.720	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.880%			
26) 1,2-Dichloroethane-d4	8.305	65	141124	27.314	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.240%			
32) Benzene-d6	8.275	84	479854	26.692	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.760%			
36) 1,2-Dichloropropane-d6	9.275	67	139964	27.716	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.880%			
41) Toluene-d8	10.323	98	467375	26.912	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.640%			
43) trans-1,3-Dichloroprop...	10.573	79	63061	27.120	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.480%			
47) 2-Hexanone-d5	10.921	63	61151	63.432	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.860%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	142499	30.274	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.080%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	169947	28.400	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	47994	27.380	ug/L	94
3) Chloromethane	2.215	50	73489	21.696	ug/L	99
5) Vinyl chloride	2.361	62	150524	22.143	ug/L	99
6) Bromomethane	2.776	94	97719	22.389	ug/L	99
8) Chloroethane	2.922	64	76432	23.312	ug/L	96
9) Trichlorofluoromethane	3.257	101	55932	18.002	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	96127	20.691	ug/L	96
12) 1,1-Dichloroethene	4.044	96	87476	21.241	ug/L	95
13) Acetone	4.129	43	35091	37.367	ug/L	99
14) Carbon disulfide	4.385	76	232019	20.550	ug/L	99
15) Methyl Acetate	4.666	43	45978	24.371	ug/L	98
16) Methylene chloride	4.916	84	112620	23.936	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	99819	21.538	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	166656	23.556	ug/L	99
19) 1,1-Dichloroethane	6.214	63	178605	22.739	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	113720	22.845	ug/L #	97
22) 2-Butanone	7.171	43	60766	46.270	ug/L	99
23) Bromochloromethane	7.513	128	53328	22.875	ug/L	95
25) Chloroform	7.671	83	200528	23.088	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	136094	23.507	ug/L		99
29) Cyclohexane	7.958	56	145981	21.641	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	163928	22.240	ug/L		98
31) Carbon tetrachloride	8.067	117	147763	21.431	ug/L		100
33) Benzene	8.324	78	423602	23.054	ug/L		100
34) Trichloroethene	9.092	95	113778	22.516	ug/L		100
35) Methylcyclohexane	9.336	83	181232	21.832	ug/L		100
37) 1,2-Dichloropropane	9.366	63	102781	23.115	ug/L		99
38) Bromodichloromethane	9.646	83	149999	23.750	ug/L		98
39) cis-1,3-Dichloropropene	10.067	75	163303	23.686	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	140395	50.094	ug/L		98
42) Toluene	10.384	91	480190	23.319	ug/L		96
44) trans-1,3-Dichloropropene	10.604	75	149300	24.261	ug/L		99
45) 1,1,2-Trichloroethane	10.787	97	91949	24.737	ug/L		91
46) Tetrachloroethene	10.860	164	83443	21.973	ug/L		88
48) 2-Hexanone	10.969	43	99151	52.949	ug/L		99
49) Dibromochloromethane	11.128	129	110208	24.634	ug/L		99
50) 1,2-Dibromoethane	11.232	107	90643	24.285	ug/L	#	99
51) Chlorobenzene	11.658	112	309912	22.829	ug/L		96
52) Ethylbenzene	11.725	91	535096	23.358	ug/L		98
53) m,p-Xylene	11.835	106	210786	23.352	ug/L		99
54) o-Xylene	12.164	106	202783	23.410	ug/L		99
55) Styrene	12.177	104	360777	24.511	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	118044	25.425	ug/L		96
59) Bromoform	12.347	173	57052	23.517	ug/L		99
60) Isopropylbenzene	12.463	105	558142	23.800	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	83401	24.383	ug/L		98
62) 1,3,5-Trimethylbenzene	12.939	105	303872	23.290	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	471667	24.076	ug/L		100
64) 1,3-Dichlorobenzene	13.493	146	250375	23.913	ug/L		93
65) 1,4-Dichlorobenzene	13.573	146	255850	23.657	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	230668	24.075	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18986	25.398	ug/L	#	85
69) 1,3,5-Trichlorobenzene	14.627	180	161017	23.167	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	138992	24.861	ug/L		97
71) Naphthalene	15.359	128	332322	27.348	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	127682	25.768	ug/L		99

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

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