Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110223\
Data File : VW027519.D
Acq On : 02 Nov 2023 14:35
Operator : SY/MD
Sample : 05205-05MS
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

Quant Time: Nov 02 22:08:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 02 22:07:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	472448	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	449061	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	246633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	111368	15.446	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.800%			
7) Chloroethane-d5	2.899	69	101822	19.667	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.680%			
11) 1,1-Dichloroethene-d2	4.021	65	58652	16.234	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.920%			
21) 2-Butanone-d5	7.081	46	129160	53.894	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.780%			
24) Chloroform-d	7.654	84	317095	22.519	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.080%			
26) 1,2-Dichloroethane-d4	8.307	65	171814	22.714	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.840%			
32) Benzene-d6	8.276	84	573799	18.886	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 75.560%			
36) 1,2-Dichloropropane-d6	9.276	67	202193	21.788	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.160%			
41) Toluene-d8	10.325	98	500644	18.171	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.680%			
43) trans-1,3-Dichloroprop...	10.581	79	77998	18.435	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.720%			
47) 2-Hexanone-d5	10.922	63	103605	53.962	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.920%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	193120	27.893	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.560%			
66) 1,2-Dichlorobenzene-d4	13.848	152	188025	21.038	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	104463	18.583	ug/L #	74
3) Chloromethane	2.222	50	149579	23.154	ug/L	98
5) Vinyl chloride	2.375	62	171766	23.803	ug/L	99
6) Bromomethane	2.789	94	94591	23.014	ug/L	93
8) Chloroethane	2.936	64	104874	25.248	ug/L	99
9) Trichlorofluoromethane	3.271	101	141924	27.878	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	156705	24.582	ug/L	93
12) 1,1-Dichloroethene	4.045	96	145600	23.502	ug/L	80
13) Acetone	4.137	43	70392	34.007	ug/L	99
14) Carbon disulfide	4.387	76	363861	18.946	ug/L	99
15) Methyl Acetate	4.679	43	86102	24.355	ug/L	98
16) Methylene chloride	4.923	84	176473	20.406	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	155994	23.429	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	310968	27.071	ug/L	99
19) 1,1-Dichloroethane	6.222	63	360094	26.508	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	191515	25.471	ug/L	98
22) 2-Butanone	7.173	43	118272	38.174	ug/L	99
23) Bromochloromethane	7.514	128	79270	25.536	ug/L	91
25) Chloroform	7.679	83	343757	27.038	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	231967	26.859	ug/L	99
29) Cyclohexane	7.959	56	290240	21.287	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	266524	24.331	ug/L	98
31) Carbon tetrachloride	8.075	117	223076	22.585	ug/L	100
33) Benzene	8.325	78	713217	24.302	ug/L	100
34) Trichloroethene	9.093	95	186429	24.049	ug/L	96
35) Methylcyclohexane	9.337	83	303819	21.916	ug/L	100
37) 1,2-Dichloropropane	9.367	63	210704	26.553	ug/L	99
38) Bromodichloromethane	9.642	83	251233	25.748	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	324590	24.762	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	297189	54.458	ug/L	98
42) Toluene	10.386	91	766288	24.890	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	267546	24.190	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	149172	27.318	ug/L	95
46) Tetrachloroethene	10.861	164	322841	60.312	ug/L	97
48) 2-Hexanone	10.965	43	198700	49.194	ug/L	99
49) Dibromochloromethane	11.129	129	154006	25.395	ug/L	92
50) 1,2-Dibromoethane	11.233	107	133130	25.146	ug/L	96
51) Chlorobenzene	11.660	112	491397	25.489	ug/L	93
52) Ethylbenzene	11.727	91	887941	24.819	ug/L	100
53) m,p-Xylene	11.836	106	330274	24.340	ug/L	99
54) o-Xylene	12.166	106	317897	24.465	ug/L	90
55) Styrene	12.178	104	554503	24.986	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	191101	28.668	ug/L	100
59) Bromoform	12.349	173	83481	22.747	ug/L	97
60) Isopropylbenzene	12.464	105	918928	23.718	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	137206	25.478	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	727807	22.520	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	734316	23.222	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	389258	24.775	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	385415	24.564	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	351199	25.190	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	28359	21.071	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	228710	22.424	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	199095	22.934	ug/L	99
71) Naphthalene	15.360	128	416135	23.310	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	172667	24.189	ug/L	94

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

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