Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
Data File : VW024014.D
Acq On : 22 Jul 2022 18:52
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025503

Quant Time: Jul 23 03:11:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 22 23:08:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	229559	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	228076	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	134079	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	130984	22.340	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.360%			
7) Chloroethane-d5	2.873	69	90675	23.182	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.720%			
11) 1,1-Dichloroethene-d2	4.013	63	109025	22.836	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.360%			
21) 2-Butanone-d5	7.080	46	56392	62.008	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.020%			
24) Chloroform-d	7.647	84	174366	26.089	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.360%			
26) 1,2-Dichloroethane-d4	8.305	65	102229	25.009	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.040%			
32) Benzene-d6	8.275	84	314467	26.524	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.080%			
36) 1,2-Dichloropropane-d6	9.275	67	99009	27.724	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.880%			
41) Toluene-d8	10.323	98	300411	24.980	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.920%			
43) trans-1,3-Dichloroprop...	10.579	79	43935	26.246	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.000%			
47) 2-Hexanone-d5	10.921	63	49937	66.497	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.000%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119560	30.294	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.160%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	118750	24.810	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	49810	31.930	ug/L	100
3) Chloromethane	2.209	50	105126	27.518	ug/L	99
5) Vinyl chloride	2.349	62	156785	23.900	ug/L	99
6) Bromomethane	2.770	94	83995	19.795	ug/L	97
8) Chloroethane	2.916	64	72835	23.732	ug/L	96
9) Trichlorofluoromethane	3.245	101	52014	17.443	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	72242	24.755	ug/L #	47
12) 1,1-Dichloroethene	4.025	96	59733	24.547	ug/L	94
13) Acetone	4.129	43	32389	50.373	ug/L	100
14) Carbon disulfide	4.379	76	145405	20.313	ug/L	98
15) Methyl Acetate	4.666	43	39859	27.698	ug/L	98
16) Methylene chloride	4.916	84	83537	23.272	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	71291	24.146	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	123255	26.984	ug/L	99
19) 1,1-Dichloroethane	6.214	63	142359	26.139	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	86270	26.375	ug/L #	94
22) 2-Butanone	7.171	43	56014	53.010	ug/L	100
23) Bromochloromethane	7.513	128	42420	26.997	ug/L	93
25) Chloroform	7.671	83	168314	26.827	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri Jul 22 23:08:43 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	119139	25.801	ug/L		99
29) Cyclohexane	7.958	56	97638	23.407	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	129179	26.158	ug/L		99
31) Carbon tetrachloride	8.067	117	117556	26.407	ug/L		100
33) Benzene	8.317	78	348001	26.850	ug/L		100
34) Trichloroethene	9.092	95	86072	25.148	ug/L		94
35) Methylcyclohexane	9.335	83	123948	23.783	ug/L		96
37) 1,2-Dichloropropane	9.366	63	89664	27.594	ug/L		100
38) Bromodichloromethane	9.640	83	130950	28.875	ug/L		93
39) cis-1,3-Dichloropropene	10.073	75	128065	26.149	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	139814	61.834	ug/L		99
42) Toluene	10.384	91	393288	26.607	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	124351	26.713	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	78799	27.734	ug/L		98
46) Tetrachloroethene	10.860	164	65458	24.734	ug/L		95
48) 2-Hexanone	10.969	43	100438	61.010	ug/L		99
49) Dibromochloromethane	11.128	129	96329	29.236	ug/L		100
50) 1,2-Dibromoethane	11.238	107	78017	28.582	ug/L	#	99
51) Chlorobenzene	11.652	112	266437	26.727	ug/L		98
52) Ethylbenzene	11.731	91	446993	26.612	ug/L		97
53) m,p-Xylene	11.835	106	173863	26.530	ug/L		90
54) o-Xylene	12.164	106	172719	27.443	ug/L		95
55) Styrene	12.176	104	318146	28.614	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	111526	28.778	ug/L	#	98
59) Bromoform	12.347	173	57412	29.039	ug/L		99
60) Isopropylbenzene	12.463	105	459331	25.503	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	82193	27.957	ug/L		100
62) 1,3,5-Trimethylbenzene	12.938	105	376533	25.535	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	382603	25.952	ug/L		100
64) 1,3-Dichlorobenzene	13.493	146	206559	25.259	ug/L		91
65) 1,4-Dichlorobenzene	13.579	146	215327	24.750	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	205443	26.638	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17302	25.516	ug/L	#	67
69) 1,3,5-Trichlorobenzene	14.627	180	129043	23.841	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	94948	22.717	ug/L		98
71) Naphthalene	15.365	128	239096	26.669	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	94688	24.306	ug/L		99

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

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