Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
Data File : VW019104.D
Acq On : 03 Jun 2021 10:28
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025122

Quant Time: Jun 04 01:01:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 02 12:40:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	653062	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	592031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	305457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	237680	27.523	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.080%			
7) Chloroethane-d5	2.897	69	205263	27.908	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.640%			
11) 1,1-Dichloroethene-d2	4.031	63	468420	27.301	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 109.200%			
21) 2-Butanone-d5	7.092	46	102797	45.444	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.880%			
24) Chloroform-d	7.653	84	473531	26.970	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.880%			
26) 1,2-Dichloroethane-d4	8.311	65	247768	25.158	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.640%			
32) Benzene-d6	8.275	84	946784	28.069	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.280%			
36) 1,2-Dichloropropane-d6	9.274	67	278237	27.210	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.840%			
41) Toluene-d8	10.323	98	851832	27.498	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.000%			
43) trans-1,3-Dichloroprop...	10.579	79	118346	26.722	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.880%			
47) 2-Hexanone-d5	10.927	63	86372	49.810	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.620%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	208143	24.676	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.720%			
66) 1,2-Dichlorobenzene-d4	13.853	152	286181	26.842	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	230180	27.206	ug/L	96
3) Chloromethane	2.221	50	190531	24.357	ug/L	99
5) Vinyl chloride	2.373	62	310515	26.004	ug/L	97
6) Bromomethane	2.794	94	205279	23.120	ug/L	99
8) Chloroethane	2.940	64	180147	25.377	ug/L	98
9) Trichlorofluoromethane	3.269	101	166466	25.401	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	237604	25.348	ug/L	98
12) 1,1-Dichloroethene	4.056	96	238548	25.760	ug/L	95
13) Acetone	4.147	43	90084	44.942	ug/L	87
14) Carbon disulfide	4.397	76	753843	25.755	ug/L	99
15) Methyl Acetate	4.684	43	84108	20.862	ug/L	96
16) Methylene chloride	4.928	84	243567	20.100	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	247948	24.852	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	303199	23.509	ug/L	98
19) 1,1-Dichloroethane	6.220	63	439147	24.798	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	254502	24.500	ug/L	100
22) 2-Butanone	7.183	43	120846	45.090	ug/L	99
23) Bromochloromethane	7.519	128	108084	23.651	ug/L	96
25) Chloroform	7.677	83	441598	24.450	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	285141	23.314	ug/L	99
29) Cyclohexane	7.958	56	404392	26.250	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	350215	25.708	ug/L	100
31) Carbon tetrachloride	8.073	117	320521	25.482	ug/L	98
33) Benzene	8.329	78	980091	25.168	ug/L	100
34) Trichloroethene	9.091	95	255631	25.182	ug/L	93
35) Methylcyclohexane	9.335	83	450777	25.805	ug/L	98
37) 1,2-Dichloropropane	9.372	63	237332	24.811	ug/L	98
38) Bromodichloromethane	9.646	83	307006	24.743	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	376642	25.412	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	246986	43.355	ug/L	97
42) Toluene	10.390	91	1063996	25.396	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	322461	24.647	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	166909	23.175	ug/L	97
46) Tetrachloroethene	10.859	164	196349	25.304	ug/L	97
48) 2-Hexanone	10.969	43	172981	45.169	ug/L	92
49) Dibromochloromethane	11.128	129	190213	23.828	ug/L	92
50) 1,2-Dibromoethane	11.237	107	157261	22.538	ug/L	97
51) Chlorobenzene	11.658	112	642996	24.864	ug/L	97
52) Ethylbenzene	11.731	91	1180606	25.616	ug/L	97
53) m,p-Xylene	11.841	106	437376	25.734	ug/L	99
54) o-Xylene	12.170	106	414636	25.611	ug/L	98
55) Styrene	12.182	104	717624	25.775	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	199253	22.449	ug/L	99
59) Bromoform	12.347	173	101239	21.514	ug/L	94
60) Isopropylbenzene	12.463	105	1149312	25.132	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	144276	21.112	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	953009	25.373	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	942162	25.129	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	486169	24.359	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	494436	24.227	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	445530	24.802	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	31539	21.083	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	374769	25.989	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	305350	25.800	ug/L	99
71) Naphthalene	15.365	128	561019	23.775	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	260700	24.861	ug/L	97

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

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