Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060721\
Data File : VW019140.D
Acq On : 07 Jun 2021 10:20
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025126

Quant Time: Jun 08 01:15:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 05 00:35:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	640582	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	575859	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	299057	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	192004	22.667	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.680%			
7) Chloroethane-d5	2.891	69	161660	22.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.640%			
11) 1,1-Dichloroethene-d2	4.025	63	425688	25.294	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.160%			
21) 2-Butanone-d5	7.080	46	103083	46.458	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.920%			
24) Chloroform-d	7.647	84	419427	24.354	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.400%			
26) 1,2-Dichloroethane-d4	8.305	65	225400	23.333	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.320%			
32) Benzene-d6	8.275	84	814770	24.834	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.320%			
36) 1,2-Dichloropropane-d6	9.274	67	243265	24.458	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.840%			
41) Toluene-d8	10.323	98	750920	24.922	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.680%			
43) trans-1,3-Dichloroprop...	10.579	79	108053	25.083	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.320%			
47) 2-Hexanone-d5	10.927	63	87674	51.981	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.960%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	199985	24.374	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	251759	24.119	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	244600	29.474	ug/L	95
3) Chloromethane	2.221	50	194436	25.341	ug/L	99
5) Vinyl chloride	2.367	62	320359	27.352	ug/L	99
6) Bromomethane	2.788	94	213407	24.503	ug/L	99
8) Chloroethane	2.928	64	185992	26.711	ug/L	100
9) Trichlorofluoromethane	3.263	101	188021	29.249	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	264502	28.767	ug/L	98
12) 1,1-Dichloroethene	4.044	96	264157	29.081	ug/L	97
13) Acetone	4.129	43	114512	58.242	ug/L	92
14) Carbon disulfide	4.391	76	806458	28.089	ug/L	100
15) Methyl Acetate	4.672	43	102774	25.988	ug/L	96
16) Methylene chloride	4.922	84	277151	23.317	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	278171	28.424	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	363592	28.740	ug/L	99
19) 1,1-Dichloroethane	6.220	63	491231	28.280	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	288293	28.293	ug/L	91
22) 2-Butanone	7.171	43	153423	58.361	ug/L	99
23) Bromochloromethane	7.519	128	125045	27.896	ug/L	94
25) Chloroform	7.677	83	499956	28.220	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	331440	27.627	ug/L	98
29) Cyclohexane	7.958	56	445854	29.754	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	394461	29.769	ug/L	99
31) Carbon tetrachloride	8.067	117	366431	29.950	ug/L	98
33) Benzene	8.323	78	1091959	28.829	ug/L	100
34) Trichloroethene	9.092	95	290835	29.455	ug/L	93
35) Methylcyclohexane	9.335	83	505817	29.769	ug/L	99
37) 1,2-Dichloropropane	9.366	63	266154	28.605	ug/L	98
38) Bromodichloromethane	9.646	83	358324	29.690	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	426442	29.580	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	309507	55.856	ug/L	96
42) Toluene	10.390	91	1191982	29.250	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	379589	29.829	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	195272	27.874	ug/L	96
46) Tetrachloroethene	10.866	164	221366	29.329	ug/L	95
48) 2-Hexanone	10.969	43	227927	61.188	ug/L	96
49) Dibromochloromethane	11.128	129	224421	28.903	ug/L	94
50) 1,2-Dibromoethane	11.238	107	189932	27.984	ug/L	96
51) Chlorobenzene	11.658	112	729789	29.013	ug/L	99
52) Ethylbenzene	11.731	91	1326118	29.582	ug/L	99
53) m,p-Xylene	11.841	106	497188	30.075	ug/L	92
54) o-Xylene	12.164	106	471911	29.967	ug/L	96
55) Styrene	12.182	104	813939	30.055	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	239459	27.736	ug/L	96
59) Bromoform	12.347	173	126766	27.515	ug/L	95
60) Isopropylbenzene	12.463	105	1303283	29.109	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	180588	26.991	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	1082306	29.432	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1093425	29.787	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	541975	27.736	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	550256	27.539	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	513318	29.188	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	40055	27.349	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	410614	29.084	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	343372	29.634	ug/L	99
71) Naphthalene	15.365	128	675308	29.231	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	288948	28.145	ug/L	97

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

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