Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061621\
Data File : VW019228.D
Acq On : 16 Jun 2021 09:45
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025117

Quant Time: Jun 17 01:19:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 16 01:01:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	521230	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	481300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	256182	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	129927	18.851	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.400%			
7) Chloroethane-d5	2.898	69	124744	21.250	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.000%			
11) 1,1-Dichloroethene-d2	4.032	63	310720	22.690	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.760%			
21) 2-Butanone-d5	7.086	46	70630	39.121	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.240%			
24) Chloroform-d	7.653	84	318010	22.693	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.760%			
26) 1,2-Dichloroethane-d4	8.311	65	160568	20.427	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.720%			
32) Benzene-d6	8.275	84	599704	21.870	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.480%			
36) 1,2-Dichloropropane-d6	9.275	67	183680	22.095	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.400%			
41) Toluene-d8	10.323	98	541957	21.520	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.080%			
43) trans-1,3-Dichloroprop...	10.579	79	74087	20.577	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.320%			
47) 2-Hexanone-d5	10.927	63	56858	40.333	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.660%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	142604	20.795	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.200%			
66) 1,2-Dichlorobenzene-d4	13.853	152	178091	19.917	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	171136	25.343	ug/L	94
3) Chloromethane	2.221	50	165604	26.525	ug/L	97
5) Vinyl chloride	2.367	62	261432	27.431	ug/L	97
6) Bromomethane	2.794	94	168094	23.720	ug/L	98
8) Chloroethane	2.934	64	156980	27.707	ug/L	99
9) Trichlorofluoromethane	3.263	101	163315	31.223	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	207116	27.684	ug/L	98
12) 1,1-Dichloroethene	4.050	96	200687	27.153	ug/L	90
13) Acetone	4.147	43	93148	58.224	ug/L	91
14) Carbon disulfide	4.391	76	610216	26.121	ug/L	100
15) Methyl Acetate	4.678	43	66915	20.795	ug/L	98
16) Methylene chloride	4.922	84	209633	21.675	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	208850	26.228	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	250170	24.303	ug/L	98
19) 1,1-Dichloroethane	6.220	63	384145	27.179	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	214189	25.834	ug/L	94
22) 2-Butanone	7.183	43	108628	50.783	ug/L	99
23) Bromochloromethane	7.519	128	90024	24.682	ug/L	94
25) Chloroform	7.677	83	388166	26.927	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	238703	24.453	ug/L	99
29) Cyclohexane	7.958	56	346123	27.637	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	307327	27.750	ug/L	99
31) Carbon tetrachloride	8.067	117	283876	27.761	ug/L	99
33) Benzene	8.324	78	848706	26.809	ug/L	100
34) Trichloroethene	9.092	95	221737	26.869	ug/L	94
35) Methylcyclohexane	9.336	83	396245	27.902	ug/L	98
37) 1,2-Dichloropropane	9.372	63	206542	26.560	ug/L	98
38) Bromodichloromethane	9.646	83	267981	26.567	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	312785	25.959	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	198465	42.853	ug/L	96
42) Toluene	10.390	91	912433	26.789	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	268192	25.216	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	140794	24.046	ug/L	97
46) Tetrachloroethene	10.860	164	161783	25.646	ug/L	97
48) 2-Hexanone	10.969	43	154944	49.768	ug/L	95
49) Dibromochloromethane	11.128	129	160629	24.752	ug/L	95
50) 1,2-Dibromoethane	11.238	107	130449	22.996	ug/L	99
51) Chlorobenzene	11.658	112	547445	26.039	ug/L	98
52) Ethylbenzene	11.731	91	1024708	27.349	ug/L	97
53) m,p-Xylene	11.841	106	379013	27.431	ug/L	92
54) o-Xylene	12.164	106	355796	27.032	ug/L	92
55) Styrene	12.183	104	604714	26.716	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	168529	23.356	ug/L	98
59) Bromoform	12.347	173	82904	21.006	ug/L	96
60) Isopropylbenzene	12.463	105	1004219	26.183	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	121470	21.194	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	818587	25.986	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	829439	26.377	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	422951	25.267	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	416254	24.319	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	360978	23.961	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	25504	20.328	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	299400	24.756	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	240360	24.215	ug/L	100
71) Naphthalene	15.365	128	450081	22.743	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	203790	23.172	ug/L	97

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

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