Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090121\
Data File : VW019969.D
Acq On : 01 Sep 2021 09:07
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025533

Quant Time: Sep 02 03:47:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 01 00:59:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	326434	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	317736	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	166907	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	107042	21.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.640%			
7) Chloroethane-d5	2.897	69	103038	23.210	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.840%			
11) 1,1-Dichloroethene-d2	4.031	63	180946	20.617	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.480%			
21) 2-Butanone-d5	7.080	46	47566	46.300	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.600%			
24) Chloroform-d	7.653	84	211971	23.612	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.440%			
26) 1,2-Dichloroethane-d4	8.311	65	108782	22.485	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.960%			
32) Benzene-d6	8.275	84	394850	21.795	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.200%			
36) 1,2-Dichloropropane-d6	9.274	67	120391	21.944	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.760%			
41) Toluene-d8	10.323	98	358928	21.619	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.480%			
43) trans-1,3-Dichloroprop...	10.579	79	49275	21.741	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.960%			
47) 2-Hexanone-d5	10.927	63	34306	44.887	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.780%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	108254	24.244	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	127733	22.310	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	67744	21.176	ug/L	98
3) Chloromethane	2.221	50	88457	22.219	ug/L	100
5) Vinyl chloride	2.373	62	152888	25.895	ug/L	93
6) Bromomethane	2.788	94	107718	24.586	ug/L	100
8) Chloroethane	2.934	64	99971	25.829	ug/L	96
9) Trichlorofluoromethane	3.269	101	87703	23.094	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	113993	25.289	ug/L	96
12) 1,1-Dichloroethene	4.044	96	105304	23.822	ug/L	95
13) Acetone	4.129	43	41796	47.658	ug/L	89
14) Carbon disulfide	4.391	76	325967	23.056	ug/L	99
15) Methyl Acetate	4.678	43	41091	22.509	ug/L	98
16) Methylene chloride	4.921	84	123458	22.036	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	110798	23.860	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	130958	24.500	ug/L	97
19) 1,1-Dichloroethane	6.226	63	202696	24.625	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	116967	24.885	ug/L	99
22) 2-Butanone	7.177	43	57250	50.376	ug/L	100
23) Bromochloromethane	7.519	128	52683	25.045	ug/L	95
25) Chloroform	7.683	83	210814	24.756	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	134169	24.152	ug/L	99
29) Cyclohexane	7.964	56	175750	23.554	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	172491	24.291	ug/L	100
31) Carbon tetrachloride	8.079	117	165884	25.059	ug/L	98
33) Benzene	8.329	78	474615	24.338	ug/L	100
34) Trichloroethene	9.091	95	118980	23.469	ug/L	94
35) Methylcyclohexane	9.341	83	210651	24.225	ug/L	98
37) 1,2-Dichloropropane	9.372	63	116658	24.154	ug/L	100
38) Bromodichloromethane	9.646	83	149193	23.845	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	169992	23.902	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	122901	47.856	ug/L	97
42) Toluene	10.390	91	511498	24.761	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	150411	24.027	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	86005	24.597	ug/L	97
46) Tetrachloroethene	10.859	164	92244	24.021	ug/L	93
48) 2-Hexanone	10.969	43	86479	48.374	ug/L	97
49) Dibromochloromethane	11.128	129	97039	24.262	ug/L	92
50) 1,2-Dibromoethane	11.237	107	80160	24.409	ug/L	98
51) Chlorobenzene	11.658	112	321236	24.484	ug/L	97
52) Ethylbenzene	11.731	91	551724	24.808	ug/L	98
53) m,p-Xylene	11.841	106	215396	25.220	ug/L	99
54) o-Xylene	12.164	106	199934	24.748	ug/L	95
55) Styrene	12.182	104	348959	25.279	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	102158	23.825	ug/L	98
59) Bromoform	12.347	173	52700	23.781	ug/L	99
60) Isopropylbenzene	12.463	105	543844	24.048	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	75497	23.070	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	452044	25.043	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	450011	24.595	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	238095	23.614	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	239997	23.157	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	217522	23.757	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15551	21.799	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	160195	23.058	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	124553	23.332	ug/L	98
71) Naphthalene	15.365	128	246397	23.142	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	117123	23.693	ug/L	99

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

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