Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102021\
Data File : VW020653.D
Acq On : 20 Oct 2021 14:36
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025044

Quant Time: Oct 21 01:12:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 21 01:08:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	173580	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	166610	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	86640	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	58713	23.246	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.000%			
7) Chloroethane-d5	2.873	69	24922	18.680	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.720%			
11) 1,1-Dichloroethene-d2	4.013	63	130832	25.279	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.120%			
21) 2-Butanone-d5	7.080	46	50495	65.691	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.380%			
24) Chloroform-d	7.647	84	159431	28.814	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 115.240%			
26) 1,2-Dichloroethane-d4	8.305	65	93426	29.564	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.240%			
32) Benzene-d6	8.275	84	293216	26.755	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.000%			
36) 1,2-Dichloropropane-d6	9.274	67	96515	27.021	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.080%			
41) Toluene-d8	10.323	98	262349	26.680	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.720%			
43) trans-1,3-Dichloroprop...	10.579	79	40643	28.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 112.000%			
47) 2-Hexanone-d5	10.926	63	36100	65.700	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.400%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	82138	30.423	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.680%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	88956	26.247	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	24788	22.099	ug/L	99
3) Chloromethane	2.209	50	63254	27.121	ug/L	97
5) Vinyl chloride	2.355	62	83011	25.305	ug/L	98
6) Bromomethane	2.769	94	27596	19.369	ug/L	94
8) Chloroethane	2.910	64	22915	18.918	ug/L	96
9) Trichlorofluoromethane	3.251	101	39712	21.277	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	74319	27.921	ug/L	99
12) 1,1-Dichloroethene	4.037	96	65306	26.759	ug/L	97
13) Acetone	4.129	43	45316	64.212	ug/L	97
14) Carbon disulfide	4.379	76	192453	24.243	ug/L	99
15) Methyl Acetate	4.672	43	39099	29.834	ug/L	100
16) Methylene chloride	4.915	84	87420	25.907	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	71338	27.860	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	114736	31.805	ug/L	99
19) 1,1-Dichloroethane	6.220	63	151050	28.776	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	78161	29.368	ug/L	95
22) 2-Butanone	7.177	43	57321	64.887	ug/L	98
23) Bromochloromethane	7.512	128	33808	28.962	ug/L	98
25) Chloroform	7.677	83	149306	29.258	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	105565	30.245	ug/L		99
29) Cyclohexane	7.957	56	137316	28.151	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	117256	28.330	ug/L		99
31) Carbon tetrachloride	8.067	117	103125	28.339	ug/L		98
33) Benzene	8.323	78	330181	27.823	ug/L		100
34) Trichloroethene	9.091	95	79848	27.312	ug/L		97
35) Methylcyclohexane	9.335	83	137950	27.573	ug/L		98
37) 1,2-Dichloropropane	9.372	63	87519	28.479	ug/L		99
38) Bromodichloromethane	9.646	83	106135	28.805	ug/L		100
39) cis-1,3-Dichloropropene	10.073	75	125675	29.640	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	115429	62.580	ug/L		99
42) Toluene	10.390	91	343941	28.895	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	111829	29.918	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	58348	29.571	ug/L		99
46) Tetrachloroethene	10.859	164	57620	27.439	ug/L		93
48) 2-Hexanone	10.969	43	87824	64.897	ug/L		100
49) Dibromochloromethane	11.128	129	63619	29.266	ug/L		100
50) 1,2-Dibromoethane	11.237	107	53216	29.362	ug/L	#	99
51) Chlorobenzene	11.658	112	203075	27.667	ug/L		97
52) Ethylbenzene	11.731	91	377617	29.255	ug/L		98
53) m,p-Xylene	11.841	106	139511	29.171	ug/L		96
54) o-Xylene	12.164	106	133834	30.301	ug/L		90
55) Styrene	12.182	104	239739	31.044	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	72659	29.704	ug/L		97
59) Bromoform	12.347	173	35044	28.873	ug/L		99
60) Isopropylbenzene	12.463	105	370130	29.106	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	54847	28.735	ug/L		99
62) 1,3,5-Trimethylbenzene	12.944	105	313713	30.215	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	310626	30.204	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	155779	28.312	ug/L		97
65) 1,4-Dichlorobenzene	13.578	146	155940	27.400	ug/L		96
67) 1,2-Dichlorobenzene	13.871	146	144402	28.646	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	11598	28.607	ug/L		97
69) 1,3,5-Trichlorobenzene	14.627	180	108244	27.589	ug/L		95
70) 1,2,4-trichlorobenzene	15.133	180	88088	28.355	ug/L		100
71) Naphthalene	15.365	128	166312	29.776	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	77524	28.412	ug/L		96

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

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