Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020310.D
Acq On : 06 Oct 2021 11:48
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025564

Quant Time: Oct 07 01:44:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 06 15:11:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	219957	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	201092	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	100475	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	80251	26.473	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.880%			
7) Chloroethane-d5	2.885	69	39709	30.230	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.920%			
11) 1,1-Dichloroethene-d2	4.019	63	156762	25.111	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.440%			
21) 2-Butanone-d5	7.086	46	38883	50.491	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.980%			
24) Chloroform-d	7.653	84	157628	24.958	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.840%			
26) 1,2-Dichloroethane-d4	8.311	65	85058	24.608	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.440%			
32) Benzene-d6	8.275	84	309855	25.449	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.800%			
36) 1,2-Dichloropropane-d6	9.275	67	96573	25.007	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.040%			
41) Toluene-d8	10.323	98	281741	25.549	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.200%			
43) trans-1,3-Dichloroprop...	10.579	79	39339	25.035	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.160%			
47) 2-Hexanone-d5	10.927	63	27149	50.863	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.720%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	65769	24.401	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.600%			
66) 1,2-Dichlorobenzene-d4	13.853	152	86206	24.502	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	39595	32.861	ug/L	98
3) Chloromethane	2.209	50	76143	25.842	ug/L	96
5) Vinyl chloride	2.361	62	104112	25.977	ug/L	100
6) Bromomethane	2.776	94	41351	26.658	ug/L	99
8) Chloroethane	2.922	64	36187	30.202	ug/L	97
9) Trichlorofluoromethane	3.257	101	48933	23.565	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	80849	24.976	ug/L	99
12) 1,1-Dichloroethene	4.044	96	77362	25.276	ug/L	96
13) Acetone	4.135	43	38453	48.571	ug/L	99
14) Carbon disulfide	4.385	76	254374	25.281	ug/L	100
15) Methyl Acetate	4.678	43	35393	24.462	ug/L	99
16) Methylene chloride	4.922	84	84929	21.622	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	80531	25.134	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	107105	25.853	ug/L	100
19) 1,1-Dichloroethane	6.220	63	162105	25.439	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	84189	25.694	ug/L	99
22) 2-Butanone	7.177	43	48178	49.497	ug/L	100
23) Bromochloromethane	7.519	128	35000	25.221	ug/L	95
25) Chloroform	7.677	83	154594	25.366	ug/L	97

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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	102342	25.139	ug/L	100
29) Cyclohexane	7.958	56	160489	26.844	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	124148	25.738	ug/L	98
31) Carbon tetrachloride	8.074	117	108614	25.795	ug/L	98
33) Benzene	8.330	78	353457	25.275	ug/L	100
34) Trichloroethene	9.092	95	86549	25.158	ug/L	95
35) Methylcyclohexane	9.335	83	159193	26.528	ug/L	100
37) 1,2-Dichloropropane	9.372	63	90001	25.833	ug/L	99
38) Bromodichloromethane	9.646	83	108101	25.465	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	129287	26.237	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	97168	51.056	ug/L	100
42) Toluene	10.390	91	367504	26.129	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	111648	26.161	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	55243	25.064	ug/L	98
46) Tetrachloroethene	10.866	164	62833	24.816	ug/L	97
48) 2-Hexanone	10.969	43	71865	51.762	ug/L	100
49) Dibromochloromethane	11.128	129	63009	25.475	ug/L	99
50) 1,2-Dibromoethane	11.238	107	51334	25.329	ug/L	96
51) Chlorobenzene	11.658	112	217997	25.554	ug/L	99
52) Ethylbenzene	11.731	91	403207	26.260	ug/L	97
53) m,p-Xylene	11.841	106	150382	26.511	ug/L	97
54) o-Xylene	12.170	106	141843	26.702	ug/L	96
55) Styrene	12.183	104	244727	26.769	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	64444	24.593	ug/L	98
59) Bromoform	12.353	173	32335	24.087	ug/L	100
60) Isopropylbenzene	12.463	105	390177	26.158	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	48400	24.303	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	332586	27.558	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	331806	27.511	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	161267	25.703	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	162960	25.730	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	147763	26.414	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	10405	24.616	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	116033	26.034	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	95941	27.599	ug/L	98
71) Naphthalene	15.365	128	166002	27.414	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	82877	27.294	ug/L	98

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

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