Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020354.D
Acq On : 07 Oct 2021 08:53
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025566

Quant Time: Oct 07 09:25:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 05:04:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	240966	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	220627	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	108689	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	71791	21.617	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.480%			
7) Chloroethane-d5	2.885	69	36728	25.523	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.080%			
11) 1,1-Dichloroethene-d2	4.019	63	157168	22.981	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.920%			
21) 2-Butanone-d5	7.080	46	48677	57.698	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.400%			
24) Chloroform-d	7.653	84	145217	20.988	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.960%			
26) 1,2-Dichloroethane-d4	8.305	65	84027	22.191	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.760%			
32) Benzene-d6	8.275	84	285515	21.374	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.480%			
36) 1,2-Dichloropropane-d6	9.275	67	90368	21.328	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.320%			
41) Toluene-d8	10.323	98	260501	21.531	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.120%			
43) trans-1,3-Dichloroprop...	10.579	79	39552	22.942	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.760%			
47) 2-Hexanone-d5	10.927	63	34467	58.856	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.720%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	73841	24.970	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	81581	21.435	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	34689	26.279	ug/L	99
3) Chloromethane	2.215	50	71586	22.177	ug/L	96
5) Vinyl chloride	2.361	62	105617	24.055	ug/L	99
6) Bromomethane	2.782	94	42469	24.992	ug/L	97
8) Chloroethane	2.922	64	37728	28.743	ug/L	100
9) Trichlorofluoromethane	3.257	101	62026	27.267	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	84810	23.916	ug/L	99
12) 1,1-Dichloroethene	4.038	96	81711	24.370	ug/L	95
13) Acetone	4.129	43	56243	64.848	ug/L	97
14) Carbon disulfide	4.385	76	264687	24.012	ug/L	99
15) Methyl Acetate	4.678	43	47312	29.848	ug/L	99
16) Methylene chloride	4.922	84	88217	20.501	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	85578	24.380	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	130584	28.772	ug/L	100
19) 1,1-Dichloroethane	6.220	63	166792	23.892	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	86638	24.136	ug/L	94
22) 2-Butanone	7.177	43	67124	62.949	ug/L	100
23) Bromochloromethane	7.519	128	37684	24.788	ug/L	96
25) Chloroform	7.677	83	159375	23.871	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	112285	25.177	ug/L	99
29) Cyclohexane	7.958	56	166541	25.390	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	131448	24.838	ug/L	99
31) Carbon tetrachloride	8.074	117	111456	24.126	ug/L	99
33) Benzene	8.330	78	363525	23.693	ug/L	100
34) Trichloroethene	9.092	95	91283	24.185	ug/L	99
35) Methylcyclohexane	9.335	83	165716	25.169	ug/L	99
37) 1,2-Dichloropropane	9.372	63	92362	24.163	ug/L	99
38) Bromodichloromethane	9.646	83	111904	24.027	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	138856	25.684	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	131478	62.967	ug/L	98
42) Toluene	10.390	91	377043	24.434	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	122733	26.212	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	63176	26.126	ug/L	99
46) Tetrachloroethene	10.866	164	65216	23.477	ug/L	92
48) 2-Hexanone	10.969	43	101132	66.392	ug/L	99
49) Dibromochloromethane	11.128	129	69698	25.684	ug/L	91
50) 1,2-Dibromoethane	11.238	107	59822	26.903	ug/L	100
51) Chlorobenzene	11.658	112	222591	23.783	ug/L	98
52) Ethylbenzene	11.731	91	415635	24.672	ug/L	97
53) m,p-Xylene	11.841	106	154587	24.839	ug/L	99
54) o-Xylene	12.164	106	142718	24.488	ug/L	100
55) Styrene	12.183	104	250175	24.942	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	78241	27.215	ug/L	99
59) Bromoform	12.347	173	37561	25.865	ug/L	99
60) Isopropylbenzene	12.463	105	405262	25.116	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	61224	28.419	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	337587	25.859	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	343531	26.330	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	166544	24.538	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	165598	24.170	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	153083	25.297	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	13605	29.754	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	120437	24.980	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	95919	25.507	ug/L	99
71) Naphthalene	15.365	128	203778	31.109	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	85279	25.962	ug/L	99

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

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