Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021598.D
Acq On : 23 Dec 2021 06:30
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

Quant Time: Dec 23 08:14:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 23 02:55:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	111814	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	111222	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	66501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	49202	24.161	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.640%			
7) Chloroethane-d5	2.879	69	33735	25.059	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.240%			
11) 1,1-Dichloroethene-d2	4.013	63	73005	26.890	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.560%			
21) 2-Butanone-d5	7.098	46	15415	53.700	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.400%			
24) Chloroform-d	7.647	84	86003	27.600	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.400%			
26) 1,2-Dichloroethane-d4	8.305	65	46074	27.797	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.200%			
32) Benzene-d6	8.275	84	164028	26.905	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.640%			
36) 1,2-Dichloropropane-d6	9.275	67	44867	27.442	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.760%			
41) Toluene-d8	10.323	98	164015	26.331	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.320%			
43) trans-1,3-Dichloroprop...	10.579	79	20066	26.654	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.600%			
47) 2-Hexanone-d5	10.927	63	13773	56.967	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.940%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	36880	26.240	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	64707	25.107	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	8076	18.693	ug/L	92
3) Chloromethane	2.209	50	30098	21.043	ug/L	97
5) Vinyl chloride	2.355	62	44386	19.768	ug/L	96
6) Bromomethane	2.776	94	27298	18.744	ug/L	98
8) Chloroethane	2.916	64	21858	21.131	ug/L	98
9) Trichlorofluoromethane	3.251	101	28782	24.294	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	36501	23.641	ug/L	91
12) 1,1-Dichloroethene	4.038	96	32218	23.246	ug/L	84
13) Acetone	4.166	43	9790	38.044	ug/L	71
14) Carbon disulfide	4.379	76	74074	20.696	ug/L	100
15) Methyl Acetate	4.684	43	11284	25.413	ug/L #	87
16) Methylene chloride	4.916	84	37427	20.258	ug/L	85
17) trans-1,2-Dichloroethene	5.428	96	36042	24.017	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	56417	27.220	ug/L	94
19) 1,1-Dichloroethane	6.220	63	59888	25.432	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	40132	25.354	ug/L	77
22) 2-Butanone	7.190	43	15017	44.685	ug/L	84
23) Bromochloromethane	7.519	128	18729	25.306	ug/L #	62
25) Chloroform	7.677	83	69726	25.507	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	44754	25.853	ug/L		97
29) Cyclohexane	7.958	56	48370	21.850	ug/L	#	80
30) 1,1,1-Trichloroethane	7.872	97	61146	24.502	ug/L		95
31) Carbon tetrachloride	8.074	117	55293	24.019	ug/L		98
33) Benzene	8.323	78	142266	23.481	ug/L		100
34) Trichloroethene	9.092	95	40022	23.531	ug/L		87
35) Methylcyclohexane	9.335	83	60178	21.449	ug/L	#	84
37) 1,2-Dichloropropane	9.372	63	33416	24.726	ug/L	#	96
38) Bromodichloromethane	9.646	83	48517	26.110	ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	53116	24.933	ug/L		98
40) 4-Methyl-2-pentanone	10.213	43	36335	49.343	ug/L	#	91
42) Toluene	10.390	91	166927	23.557	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	47032	25.205	ug/L		95
45) 1,1,2-Trichloroethane	10.786	97	27675	25.019	ug/L		92
46) Tetrachloroethene	10.860	164	35466	21.951	ug/L		93
48) 2-Hexanone	10.969	43	24846	46.527	ug/L	#	92
49) Dibromochloromethane	11.128	129	33873	24.840	ug/L		98
50) 1,2-Dibromoethane	11.232	107	27285	24.786	ug/L		100
51) Chlorobenzene	11.658	112	112737	23.763	ug/L		93
52) Ethylbenzene	11.731	91	191303	23.625	ug/L		97
53) m,p-Xylene	11.841	106	74532	22.816	ug/L		84
54) o-Xylene	12.164	106	73851	23.821	ug/L		92
55) Styrene	12.183	104	127344	24.135	ug/L		90
57) 1,1,2,2-Tetrachloroethane	12.713	83	31442	24.796	ug/L	#	95
59) Bromoform	12.347	173	19546	24.702	ug/L		98
60) Isopropylbenzene	12.463	105	205207	22.709	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	23325	24.100	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.945	105	171736	22.334	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	170679	22.501	ug/L		95
64) 1,3-Dichlorobenzene	13.493	146	93346	21.901	ug/L		95
65) 1,4-Dichlorobenzene	13.573	146	96388	22.762	ug/L		90
67) 1,2-Dichlorobenzene	13.865	146	86175	22.965	ug/L		89
68) 1,2-Dibromo-3-chloropr...	14.481	75	4586	22.972	ug/L	#	68
69) 1,3,5-Trichlorobenzene	14.627	180	72581	22.784	ug/L		99
70) 1,2,4-trichlorobenzene	15.133	180	55273	21.572	ug/L		98
71) Naphthalene	15.365	128	101078	24.281	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	48909	23.097	ug/L		96

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

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