Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030822\
Data File : VW022214.D
Acq On : 08 Mar 2022 09:00
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025575

Quant Time: Mar 09 00:14:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Mar 08 00:21:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	143507	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	133373	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78650	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52487	28.041	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.160%			
7) Chloroethane-d5	2.879	69	37927	25.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.000%			
11) 1,1-Dichloroethene-d2	4.019	63	70723	24.673	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.680%			
21) 2-Butanone-d5	7.074	46	14976	47.586	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.180%			
24) Chloroform-d	7.647	84	87270	27.256	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.040%			
26) 1,2-Dichloroethane-d4	8.305	65	41763	25.093	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.360%			
32) Benzene-d6	8.275	84	165330	26.635	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.560%			
36) 1,2-Dichloropropane-d6	9.274	67	45970	26.668	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.680%			
41) Toluene-d8	10.323	98	164176	26.604	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.400%			
43) trans-1,3-Dichloroprop...	10.573	79	19561	25.593	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.360%			
47) 2-Hexanone-d5	10.920	63	13246	46.721	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.440%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	38553	25.484	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	64277	25.444	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	11922	29.726	ug/L	99
3) Chloromethane	2.215	50	34627	25.196	ug/L	99
5) Vinyl chloride	2.361	62	52060	25.211	ug/L	99
6) Bromomethane	2.776	94	33299	23.090	ug/L	94
8) Chloroethane	2.916	64	30093	25.942	ug/L	97
9) Trichlorofluoromethane	3.251	101	37203	26.536	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	45453	26.574	ug/L #	44
12) 1,1-Dichloroethene	4.037	96	35863	24.192	ug/L	98
13) Acetone	4.129	43	15741	61.239	ug/L	98
14) Carbon disulfide	4.379	76	75393	19.616	ug/L	100
15) Methyl Acetate	4.665	43	13073	22.591	ug/L	96
16) Methylene chloride	4.909	84	40556	23.024	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	39810	24.450	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	54613	24.653	ug/L	99
19) 1,1-Dichloroethane	6.214	63	71572	27.152	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	45848	25.993	ug/L	97
22) 2-Butanone	7.165	43	20297	54.970	ug/L	99
23) Bromochloromethane	7.513	128	21854	25.364	ug/L	95
25) Chloroform	7.671	83	84129	27.353	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	49070	25.902	ug/L		99
29) Cyclohexane	7.958	56	54630	24.613	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	71737	26.734	ug/L		99
31) Carbon tetrachloride	8.067	117	68150	26.723	ug/L		97
33) Benzene	8.317	78	169446	26.278	ug/L		100
34) Trichloroethene	9.091	95	47948	25.970	ug/L		96
35) Methylcyclohexane	9.335	83	72117	25.253	ug/L		99
37) 1,2-Dichloropropane	9.366	63	40704	27.058	ug/L		98
38) Bromodichloromethane	9.640	83	60250	27.929	ug/L		93
39) cis-1,3-Dichloropropene	10.073	75	63552	27.792	ug/L		93
40) 4-Methyl-2-pentanone	10.207	43	41824	51.483	ug/L		99
42) Toluene	10.384	91	198795	27.239	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	55927	27.217	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	35042	26.269	ug/L		96
46) Tetrachloroethene	10.859	164	41213	25.482	ug/L	#	84
48) 2-Hexanone	10.963	43	32599	57.815	ug/L		96
49) Dibromochloromethane	11.128	129	44875	27.695	ug/L		99
50) 1,2-Dibromoethane	11.231	107	32734	25.441	ug/L	#	97
51) Chlorobenzene	11.658	112	138219	27.213	ug/L		98
52) Ethylbenzene	11.725	91	227063	28.112	ug/L		99
53) m,p-Xylene	11.835	106	93637	28.174	ug/L		99
54) o-Xylene	12.164	106	88619	28.338	ug/L		99
55) Styrene	12.182	104	152490	29.087	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	41043	26.518	ug/L		96
59) Bromoform	12.347	173	24612	23.664	ug/L	#	97
60) Isopropylbenzene	12.463	105	250209	26.501	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	28659	23.087	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	166453	26.513	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	207778	27.081	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	116686	24.914	ug/L		97
65) 1,4-Dichlorobenzene	13.578	146	115486	24.606	ug/L		94
67) 1,2-Dichlorobenzene	13.865	146	108674	26.098	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	5936	22.620	ug/L	#	86
69) 1,3,5-Trichlorobenzene	14.627	180	87930	26.157	ug/L		93
70) 1,2,4-trichlorobenzene	15.127	180	66454	26.127	ug/L		99
71) Naphthalene	15.359	128	110370	24.581	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	56594	25.724	ug/L		99

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

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