Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042522\
Data File : VW022607.D
Acq On : 25 Apr 2022 09:52
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

Quant Time: Apr 26 01:31:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 22 01:17:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	324011	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	318918	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179843	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151722	21.182	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.720%			
7) Chloroethane-d5	2.885	69	107191	23.878	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.520%			
11) 1,1-Dichloroethene-d2	4.019	63	238668	25.690	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.760%			
21) 2-Butanone-d5	7.073	46	70099	56.055	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.100%			
24) Chloroform-d	7.647	84	266888	26.353	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.400%			
26) 1,2-Dichloroethane-d4	8.305	65	144621	24.993	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.960%			
32) Benzene-d6	8.274	84	501290	25.727	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.920%			
36) 1,2-Dichloropropane-d6	9.274	67	141684	25.127	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.520%			
41) Toluene-d8	10.323	98	493746	25.873	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.480%			
43) trans-1,3-Dichloroprop...	10.579	79	66323	24.923	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.680%			
47) 2-Hexanone-d5	10.920	63	59364	56.587	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.180%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	133539	27.853	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.400%			
66) 1,2-Dichlorobenzene-d4	13.847	152	176651	27.731	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	31388	19.762	ug/L	93
3) Chloromethane	2.221	50	83117	20.989	ug/L	98
5) Vinyl chloride	2.367	62	175696	21.263	ug/L	97
6) Bromomethane	2.782	94	102211	20.348	ug/L	97
8) Chloroethane	2.922	64	86919	24.027	ug/L	99
9) Trichlorofluoromethane	3.263	101	98361	32.243	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	133009	27.381	ug/L	95
12) 1,1-Dichloroethene	4.037	96	115700	26.521	ug/L	93
13) Acetone	4.117	43	58332	68.509	ug/L	96
14) Carbon disulfide	4.385	76	291855	20.336	ug/L	98
15) Methyl Acetate	4.671	43	56207	26.306	ug/L	91
16) Methylene chloride	4.915	84	123126	25.254	ug/L	89
17) trans-1,2-Dichloroethene	5.421	96	129511	25.342	ug/L	94
18) Methyl tert-butyl Ether	5.427	73	224106	26.850	ug/L	95
19) 1,1-Dichloroethane	6.214	63	232530	24.936	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	146101	27.068	ug/L #	85
22) 2-Butanone	7.171	43	79791	62.047	ug/L	97
23) Bromochloromethane	7.512	128	64686	27.847	ug/L	86
25) Chloroform	7.677	83	260274	26.501	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri Apr 22 01:17:16 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	171524	24.848	ug/L		96
29) Cyclohexane	7.957	56	197721	21.662	ug/L		94
30) 1,1,1-Trichloroethane	7.872	97	230102	26.010	ug/L		97
31) Carbon tetrachloride	8.067	117	212805	26.801	ug/L		99
33) Benzene	8.323	78	537625	24.830	ug/L		100
34) Trichloroethene	9.091	95	144728	24.964	ug/L		96
35) Methylcyclohexane	9.335	83	237983	22.880	ug/L		95
37) 1,2-Dichloropropane	9.366	63	131580	25.366	ug/L		98
38) Bromodichloromethane	9.646	83	194720	26.104	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	217907	26.474	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	174305	55.062	ug/L		94
42) Toluene	10.384	91	617855	24.902	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	196872	26.712	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	112914	28.522	ug/L		99
46) Tetrachloroethene	10.859	164	116423	27.319	ug/L		86
48) 2-Hexanone	10.969	43	121301	54.315	ug/L	#	96
49) Dibromochloromethane	11.128	129	139771	29.604	ug/L		90
50) 1,2-Dibromoethane	11.237	107	111793	28.598	ug/L		94
51) Chlorobenzene	11.658	112	409925	27.036	ug/L		93
52) Ethylbenzene	11.725	91	702313	25.253	ug/L		96
53) m,p-Xylene	11.835	106	280340	26.511	ug/L		91
54) o-Xylene	12.164	106	271448	26.863	ug/L		88
55) Styrene	12.176	104	470778	27.269	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	143204	29.472	ug/L		97
59) Bromoform	12.347	173	75263	28.163	ug/L		99
60) Isopropylbenzene	12.463	105	735967	24.635	ug/L		98
61) 1,2,3-Trichloropropane	12.761	75	102024	26.668	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	417821	25.431	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	624412	24.992	ug/L		93
64) 1,3-Dichlorobenzene	13.499	146	328504	27.094	ug/L		99
65) 1,4-Dichlorobenzene	13.572	146	322050	26.633	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	289383	26.688	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	23539	26.530	ug/L	#	84
69) 1,3,5-Trichlorobenzene	14.627	180	223569	28.262	ug/L		94
70) 1,2,4-trichlorobenzene	15.127	180	178181	26.819	ug/L		98
71) Naphthalene	15.359	128	400222	28.561	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	157219	27.685	ug/L		96

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

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