Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022448.D
Acq On : 07 Apr 2022 22:00
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

Quant Time: Apr 08 06:35:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 08 06:30:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	335262	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	336480	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182686	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	168670	22.757	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.040%			
7) Chloroethane-d5	2.891	69	114937	24.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.960%			
11) 1,1-Dichloroethene-d2	4.025	63	206429	21.474	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.880%			
21) 2-Butanone-d5	7.080	46	77849	60.163	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.320%			
24) Chloroform-d	7.647	84	273524	26.102	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.400%			
26) 1,2-Dichloroethane-d4	8.305	65	167537	27.982	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.920%			
32) Benzene-d6	8.275	84	518832	25.238	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.960%			
36) 1,2-Dichloropropane-d6	9.274	67	156814	26.359	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.440%			
41) Toluene-d8	10.323	98	507170	25.190	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.760%			
43) trans-1,3-Dichloroprop...	10.579	79	73440	26.157	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.640%			
47) 2-Hexanone-d5	10.920	63	67539	61.019	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.040%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	154647	30.572	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.280%#			
66) 1,2-Dichlorobenzene-d4	13.847	152	179157	27.687	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	30965	18.841	ug/L	95
3) Chloromethane	2.221	50	90516	22.090	ug/L	96
5) Vinyl chloride	2.361	62	200949	23.503	ug/L	98
6) Bromomethane	2.782	94	114688	22.066	ug/L	97
8) Chloroethane	2.922	64	91419	24.423	ug/L	98
9) Trichlorofluoromethane	3.257	101	60285	19.098	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	108965	21.679	ug/L	96
12) 1,1-Dichloroethene	4.044	96	103628	22.956	ug/L	96
13) Acetone	4.123	43	43638	49.531	ug/L	97
14) Carbon disulfide	4.391	76	334509	22.526	ug/L	99
15) Methyl Acetate	4.672	43	56415	25.517	ug/L #	77
16) Methylene chloride	4.922	84	123373	24.456	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	126226	23.870	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	227628	26.357	ug/L	99
19) 1,1-Dichloroethane	6.214	63	234212	24.274	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	136307	24.406	ug/L #	100
22) 2-Butanone	7.171	43	71391	53.652	ug/L	96
23) Bromochloromethane	7.519	128	61644	25.647	ug/L	98
25) Chloroform	7.677	83	251119	24.710	ug/L	97

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QLast Update : Fri Apr 08 06:30:01 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	185692	25.997	ug/L		99
29) Cyclohexane	7.958	56	210259	21.833	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	209325	22.427	ug/L		99
31) Carbon tetrachloride	8.067	117	184330	22.003	ug/L		98
33) Benzene	8.323	78	538309	23.564	ug/L		100
34) Trichloroethene	9.092	95	144415	23.610	ug/L		95
35) Methylcyclohexane	9.335	83	244271	22.258	ug/L		100
37) 1,2-Dichloropropane	9.366	63	134908	24.651	ug/L		99
38) Bromodichloromethane	9.646	83	192884	24.508	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	219492	25.274	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	184786	55.326	ug/L		98
42) Toluene	10.384	91	632859	24.176	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	201297	25.887	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	107745	25.796	ug/L		97
46) Tetrachloroethene	10.866	164	102003	22.686	ug/L		91
48) 2-Hexanone	10.969	43	131493	55.805	ug/L		99
49) Dibromochloromethane	11.128	129	129545	26.006	ug/L		97
50) 1,2-Dibromoethane	11.231	107	107532	26.072	ug/L	#	91
51) Chlorobenzene	11.658	112	397944	24.876	ug/L		98
52) Ethylbenzene	11.731	91	716608	24.423	ug/L		100
53) m,p-Xylene	11.835	106	275861	24.726	ug/L		92
54) o-Xylene	12.164	106	270718	25.392	ug/L		97
55) Styrene	12.176	104	469258	25.762	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	141846	27.669	ug/L		96
59) Bromoform	12.347	173	68165	25.110	ug/L		100
60) Isopropylbenzene	12.463	105	730580	24.074	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	106430	27.387	ug/L		100
62) 1,3,5-Trimethylbenzene	12.938	105	412867	24.738	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	633344	24.955	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	309625	25.140	ug/L		98
65) 1,4-Dichlorobenzene	13.579	146	309312	25.182	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	282724	25.668	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.481	75	23798	26.405	ug/L		99
69) 1,3,5-Trichlorobenzene	14.627	180	200289	24.925	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	166618	24.689	ug/L		95
71) Naphthalene	15.359	128	383124	26.915	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	142202	24.651	ug/L		93

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

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