Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
Data File : VW023373.D
Acq On : 02 Jun 2022 14:05
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Quant Time: Jun 02 21:50:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 02 21:45:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	395274	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	374338	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199336	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	149892	25.642	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.560%			
7) Chloroethane-d5	2.885	69	108125	26.606	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.440%			
11) 1,1-Dichloroethene-d2	4.019	63	217065	24.159	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.640%			
21) 2-Butanone-d5	7.080	46	66077	54.920	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.840%			
24) Chloroform-d	7.647	84	265775	25.534	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.120%			
26) 1,2-Dichloroethane-d4	8.305	65	140767	25.820	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.280%			
32) Benzene-d6	8.275	84	510554	25.383	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.520%			
36) 1,2-Dichloropropane-d6	9.275	67	147341	25.605	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.440%			
41) Toluene-d8	10.323	98	491318	25.619	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.480%			
43) trans-1,3-Dichloroprop...	10.573	79	68347	26.606	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.440%			
47) 2-Hexanone-d5	10.921	63	53094	57.434	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.860%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	138218	27.233	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.920%			
66) 1,2-Dichlorobenzene-d4	13.847	152	178212	25.292	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	49713	29.952	ug/L	91
3) Chloromethane	2.215	50	127743	26.170	ug/L	99
5) Vinyl chloride	2.361	62	192672	25.358	ug/L	97
6) Bromomethane	2.776	94	99123	26.724	ug/L	96
8) Chloroethane	2.922	64	94358	26.981	ug/L	97
9) Trichlorofluoromethane	3.257	101	79358	21.929	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	127233	24.235	ug/L	99
12) 1,1-Dichloroethene	4.038	96	114522	25.281	ug/L	93
13) Acetone	4.123	43	39525	45.162	ug/L	93
14) Carbon disulfide	4.385	76	378862	25.038	ug/L	100
15) Methyl Acetate	4.672	43	52051	26.435	ug/L	99
16) Methylene chloride	4.922	84	131928	23.300	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	133682	25.295	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	212578	27.323	ug/L	99
19) 1,1-Dichloroethane	6.220	63	222892	24.898	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	143039	25.774	ug/L	96
22) 2-Butanone	7.171	43	69854	52.531	ug/L	98
23) Bromochloromethane	7.519	128	67705	25.710	ug/L	93
25) Chloroform	7.677	83	247238	25.233	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	164235	26.035	ug/L	97
29) Cyclohexane	7.958	56	204764	25.533	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	218165	25.183	ug/L	99
31) Carbon tetrachloride	8.074	117	199995	24.546	ug/L	100
33) Benzene	8.323	78	545795	25.453	ug/L	100
34) Trichloroethene	9.092	95	145096	24.984	ug/L	96
35) Methylcyclohexane	9.336	83	247333	25.707	ug/L	99
37) 1,2-Dichloropropane	9.366	63	129253	25.585	ug/L	100
38) Bromodichloromethane	9.646	83	181476	25.378	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	210533	26.532	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	162437	56.736	ug/L	99
42) Toluene	10.390	91	619412	26.001	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	187662	26.430	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109195	26.400	ug/L	98
46) Tetrachloroethene	10.866	164	114299	24.579	ug/L	93
48) 2-Hexanone	10.969	43	110412	57.699	ug/L	99
49) Dibromochloromethane	11.128	129	134037	26.408	ug/L	100
50) 1,2-Dibromoethane	11.232	107	107096	26.561	ug/L	95
51) Chlorobenzene	11.658	112	403262	25.637	ug/L	97
52) Ethylbenzene	11.731	91	678434	25.934	ug/L	98
53) m,p-Xylene	11.841	106	270243	26.087	ug/L	95
54) o-Xylene	12.164	106	259462	26.179	ug/L	98
55) Styrene	12.176	104	442672	26.207	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	134457	27.523	ug/L	98
59) Bromoform	12.347	173	74068	25.312	ug/L	98
60) Isopropylbenzene	12.463	105	702866	25.709	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	94703	26.431	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	584073	26.075	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	448513	25.791	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	312690	25.159	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	318062	25.034	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	285519	25.415	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20893	26.179	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	205915	25.087	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	163454	25.063	ug/L	96
71) Naphthalene	15.365	128	356382	29.025	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	147793	26.182	ug/L	98

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

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