Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
Data File : VW025131.D
Acq On : 08 Dec 2022 15:09
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

Quant Time: Dec 08 23:25:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 08 11:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	425038	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	375587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	127214	25.964	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.840%			
7) Chloroethane-d5	2.879	69	83426	26.369	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.480%			
11) 1,1-Dichloroethene-d2	4.013	63	272237	25.362	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.440%			
21) 2-Butanone-d5	7.074	46	64847	52.718	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.440%			
24) Chloroform-d	7.647	84	275373	25.099	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.400%			
26) 1,2-Dichloroethane-d4	8.305	65	143143	25.727	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.920%			
32) Benzene-d6	8.268	84	562222	25.525	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.120%			
36) 1,2-Dichloropropane-d6	9.274	67	162345	25.331	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.320%			
41) Toluene-d8	10.323	98	514647	25.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.080%			
43) trans-1,3-Dichloroprop...	10.573	79	69329	25.608	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.440%			
47) 2-Hexanone-d5	10.920	63	54218	57.660	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.320%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122317	25.845	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.360%			
66) 1,2-Dichlorobenzene-d4	13.853	152	166314	25.980	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	75127	29.165	ug/L	99
3) Chloromethane	2.209	50	110218	24.300	ug/L	98
5) Vinyl chloride	2.361	62	141240	24.892	ug/L	99
6) Bromomethane	2.776	94	72265	24.579	ug/L	91
8) Chloroethane	2.916	64	67327	25.654	ug/L	98
9) Trichlorofluoromethane	3.257	101	105026	24.699	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	137847	24.542	ug/L	98
12) 1,1-Dichloroethene	4.031	96	131905	24.632	ug/L	89
13) Acetone	4.117	43	62879	49.729	ug/L	99
14) Carbon disulfide	4.379	76	413924	24.212	ug/L	99
15) Methyl Acetate	4.665	43	53992	26.161	ug/L	98
16) Methylene chloride	4.909	84	157588	23.722	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	139632	24.597	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	211348	25.091	ug/L	99
19) 1,1-Dichloroethane	6.214	63	254790	24.839	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	148978	24.819	ug/L	96
22) 2-Butanone	7.165	43	80260	50.454	ug/L	99
23) Bromochloromethane	7.513	128	63885	25.151	ug/L	98
25) Chloroform	7.671	83	256917	24.751	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Thu Dec 08 11:34:08 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	165182	25.275	ug/L	98
29) Cyclohexane	7.951	56	240433	25.281	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	219128	24.716	ug/L	100
31) Carbon tetrachloride	8.061	117	195382	23.967	ug/L	99
33) Benzene	8.323	78	576003	24.757	ug/L	100
34) Trichloroethene	9.085	95	148551	24.374	ug/L	97
35) Methylcyclohexane	9.335	83	264654	24.482	ug/L	98
37) 1,2-Dichloropropane	9.366	63	139578	24.872	ug/L	99
38) Bromodichloromethane	9.640	83	186568	25.166	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	219797	25.634	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	152491	53.009	ug/L	99
42) Toluene	10.384	91	608397	24.957	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	188052	25.609	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	102358	25.560	ug/L	96
46) Tetrachloroethene	10.859	164	105946	23.880	ug/L	88
48) 2-Hexanone	10.963	43	113550	54.041	ug/L	99
49) Dibromochloromethane	11.128	129	121882	25.342	ug/L	95
50) 1,2-Dibromoethane	11.231	107	96409	25.857	ug/L	98
51) Chlorobenzene	11.652	112	386927	24.801	ug/L	99
52) Ethylbenzene	11.725	91	690251	24.986	ug/L	97
53) m,p-Xylene	11.835	106	264130	25.036	ug/L	96
54) o-Xylene	12.164	106	255927	25.454	ug/L	96
55) Styrene	12.176	104	432206	25.383	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	118781	25.362	ug/L	98
59) Bromoform	12.347	173	62955	24.273	ug/L	98
60) Isopropylbenzene	12.463	105	696255	24.050	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	88643	24.418	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	603599	24.341	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	586896	24.362	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	287974	24.298	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	297084	24.891	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	262449	25.392	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	20361	24.056	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	176800	21.009	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	147953	21.912	ug/L	95
71) Naphthalene	15.359	128	301014	22.741	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	129525	21.889	ug/L	97

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

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