Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
Data File : VU047263.D
Acq On : 25 Feb 2022 09:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

Quant Time: Feb 28 01:56:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 18 00:54:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	335805	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	326775	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195305	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	143640	47.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.200%			
7) Chloroethane-d5	1.919	69	125925	55.699	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.400%			
11) 1,1-Dichloroethene-d2	2.575	63	242612	48.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.000%			
21) 2-Butanone-d5	4.632	46	240191	101.548	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.550%			
24) Chloroform-d	5.070	84	253318	51.164	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.320%			
26) 1,2-Dichloroethane-d4	5.706	65	154997	48.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.540%			
32) Benzene-d6	5.732	84	520301	47.893	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.780%			
36) 1,2-Dichloropropane-d6	6.693	67	160700	45.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.220%			
41) Toluene-d8	7.899	98	496476	47.998	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.000%			
43) trans-1,3-Dichloroprop...	8.182	79	71188	38.558	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.120%			
47) 2-Hexanone-d5	8.635	63	195004	96.615	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.620%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	249203	48.510	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.020%			
66) 1,2-Dichlorobenzene-d4	12.195	152	207228	44.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	138140	44.150	ug/L	99
3) Chloromethane	1.526	50	153755	49.660	ug/L	99
5) Vinyl chloride	1.610	62	146317	46.894	ug/L	99
6) Bromomethane	1.864	94	70110	38.629	ug/L	100
8) Chloroethane	1.938	64	97619	54.270	ug/L	97
9) Trichlorofluoromethane	2.144	101	194014	53.696	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	108889	48.925	ug/L	95
12) 1,1-Dichloroethene	2.587	96	106243	48.653	ug/L	99
13) Acetone	2.642	43	140996	81.830	ug/L	97
14) Carbon disulfide	2.800	76	307033	44.799	ug/L	99
15) Methyl Acetate	2.954	43	151011	52.081	ug/L	99
16) Methylene chloride	3.050	84	125110	51.776	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	114545	49.928	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	360472	46.462	ug/L	97
19) 1,1-Dichloroethane	3.877	63	209106	48.531	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	132556	52.235	ug/L	98
22) 2-Butanone	4.710	43	225905	97.715	ug/L	99
23) Bromochloromethane	4.980	128	70375	52.292	ug/L	95
25) Chloroform	5.092	83	222123	52.628	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.800	62	171290	51.076	ug/L		100
29) Cyclohexane	5.394	56	181266	42.325	ug/L		100
30) 1,1,1-Trichloroethane	5.324	97	192305	49.132	ug/L		99
31) Carbon tetrachloride	5.529	117	168746	49.725	ug/L		99
33) Benzene	5.780	78	491233	48.197	ug/L		100
34) Trichloroethene	6.546	95	128149	48.404	ug/L		98
35) Methylcyclohexane	6.767	83	191556	43.121	ug/L		99
37) 1,2-Dichloropropane	6.796	63	126214	46.231	ug/L		98
38) Bromodichloromethane	7.108	83	168565	48.443	ug/L		100
39) cis-1,3-Dichloropropene	7.610	75	178776	40.291	ug/L		100
40) 4-Methyl-2-pentanone	7.793	43	410967	95.058	ug/L		97
42) Toluene	7.973	91	538244	48.080	ug/L		99
44) trans-1,3-Dichloropropene	8.211	75	172930	40.562	ug/L		99
45) 1,1,2-Trichloroethane	8.401	97	128128	49.829	ug/L		99
46) Tetrachloroethene	8.555	164	105754	49.655	ug/L		94
48) 2-Hexanone	8.687	43	331484	92.715	ug/L		97
49) Dibromochloromethane	8.812	129	145639	48.955	ug/L		100
50) 1,2-Dibromoethane	8.925	107	144425	50.564	ug/L		98
51) Chlorobenzene	9.449	112	349949	48.753	ug/L		98
52) Ethylbenzene	9.571	91	576269	47.035	ug/L		99
53) m,p-Xylene	9.697	106	226321	46.558	ug/L		95
54) o-xylene	10.102	106	221845	46.351	ug/L		99
55) Styrene	10.115	104	383733	46.596	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.783	83	237591	52.413	ug/L		99
59) Bromoform	10.295	173	120403	45.410	ug/L		98
60) 1,2,3-Trichloropropane	10.825	75	187394	45.010	ug/L		98
61) Isopropylbenzene	10.487	105	582938	42.459	ug/L		98
62) 1,3,5-Trimethylbenzene	11.089	105	408810	42.014	ug/L		97
63) 1,2,4-Trimethylbenzene	11.468	105	507060	42.922	ug/L		97
64) 1,3-Dichlorobenzene	11.748	146	291124	45.444	ug/L		97
65) 1,4-Dichlorobenzene	11.838	146	295084	45.822	ug/L		97
67) 1,2-Dichlorobenzene	12.214	146	298030	46.748	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.999	75	64809	48.859	ug/L	#	81
69) 1,3,5-Trichlorobenzene	13.220	180	236291	47.695	ug/L		98
70) 1,2,4-trichlorobenzene	13.841	180	221815	47.232	ug/L		99
71) Naphthalene	14.085	128	759100	45.657	ug/L		99
72) 1,2,3-Trichlorobenzene	14.330	180	222114	47.500	ug/L		98

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

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