Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040122\
Data File : VU047788.D
Acq On : 01 Apr 2022 16:37
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050186

Quant Time: Apr 02 01:08:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 02 01:06:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	343453	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	355330	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	217380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131818	52.926	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.860%			
7) Chloroethane-d5	1.916	69	104657	53.292	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.580%			
11) 1,1-Dichloroethene-d2	2.572	63	233828	51.314	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.620%			
21) 2-Butanone-d5	4.620	46	189109	88.462	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.460%			
24) Chloroform-d	5.067	84	244563	53.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.340%			
26) 1,2-Dichloroethane-d4	5.703	65	147712	52.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.700%			
32) Benzene-d6	5.729	84	484578	54.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.400%			
36) 1,2-Dichloropropane-d6	6.694	67	149323	54.381	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.760%			
41) Toluene-d8	7.899	98	468961	53.834	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.660%			
43) trans-1,3-Dichloroprop...	8.182	79	74758	53.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.480%			
47) 2-Hexanone-d5	8.632	63	149153	92.789	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.790%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	238249	50.558	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.120%			
66) 1,2-Dichlorobenzene-d4	12.195	152	200721	51.901	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	170082	53.415	ug/L	99
3) Chloromethane	1.527	50	154878	50.861	ug/L	99
5) Vinyl chloride	1.607	62	164262	52.891	ug/L	99
6) Bromomethane	1.858	94	96100	57.491	ug/L	98
8) Chloroethane	1.935	64	100672	51.637	ug/L	100
9) Trichlorofluoromethane	2.141	101	231468	52.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	138244	54.610	ug/L	96
12) 1,1-Dichloroethene	2.584	96	128073	54.362	ug/L	86
13) Acetone	2.623	43	141374	71.065	ug/L	99
14) Carbon disulfide	2.797	76	368022	49.419	ug/L	100
15) Methyl Acetate	2.948	43	152449	48.057	ug/L	98
16) Methylene chloride	3.051	84	153824	56.898	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	139404	54.859	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	419200	58.474	ug/L	99
19) 1,1-Dichloroethane	3.874	63	251964	57.493	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	159894	57.395	ug/L	98
22) 2-Butanone	4.700	43	218615	85.309	ug/L	100
23) Bromochloromethane	4.977	128	90372	59.084	ug/L	95
25) Chloroform	5.089	83	271322	57.504	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	206361	56.609	ug/L	99
29) Cyclohexane	5.395	56	200279	55.546	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	234817	58.281	ug/L	99
31) Carbon tetrachloride	5.526	117	209465	57.573	ug/L	99
33) Benzene	5.777	78	590831	57.445	ug/L	100
34) Trichloroethene	6.546	95	156909	58.191	ug/L	99
35) Methylcyclohexane	6.767	83	231391	56.407	ug/L	98
37) 1,2-Dichloropropane	6.793	63	152157	58.194	ug/L	100
38) Bromodichloromethane	7.108	83	211638	58.944	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	240977	59.399	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	415512	100.550	ug/L	99
42) Toluene	7.970	91	659368	58.428	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	238025	58.762	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	158836	57.280	ug/L	98
46) Tetrachloroethene	8.555	164	138344	57.093	ug/L	98
48) 2-Hexanone	8.684	43	329816	92.785	ug/L	99
49) Dibromochloromethane	8.812	129	190242	59.233	ug/L	98
50) 1,2-Dibromoethane	8.925	107	177423	57.072	ug/L	99
51) Chlorobenzene	9.449	112	442679	57.772	ug/L	100
52) Ethylbenzene	9.571	91	692533	58.363	ug/L	99
53) m,p-Xylene	9.693	106	277491	59.599	ug/L	99
54) o-Xylene	10.102	106	272205	59.567	ug/L	99
55) Styrene	10.115	104	454755	58.287	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	284417	54.710	ug/L	99
59) Bromoform	10.291	173	159099	57.236	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	215876	52.679	ug/L	99
61) Isopropylbenzene	10.488	105	690554	58.779	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	374123	58.692	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	578391	59.736	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	364040	55.749	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	369352	54.608	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	364913	55.850	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	66688	50.803	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	288635	54.426	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	259396	55.842	ug/L	100
71) Naphthalene	14.089	128	753843	54.433	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	262479	56.366	ug/L	98

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

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