Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
Data File : VU050654.D
Acq On : 07 Sep 2022 12:08
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050192

Quant Time: Sep 08 05:42:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 07 01:37:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	263812	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	263992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	124872	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87365	38.719	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.440%			
7) Chloroethane-d5	1.909	69	69007	45.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.440%			
11) 1,1-Dichloroethene-d2	2.568	63	179846	45.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.200%			
21) 2-Butanone-d5	4.626	46	174084	105.451	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.450%			
24) Chloroform-d	5.063	84	217973	50.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.940%			
26) 1,2-Dichloroethane-d4	5.703	65	140062	53.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.200%			
32) Benzene-d6	5.729	84	422329	48.409	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.820%			
36) 1,2-Dichloropropane-d6	6.690	67	136564	47.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.360%			
41) Toluene-d8	7.899	98	388922	52.131	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.260%			
43) trans-1,3-Dichloroprop...	8.179	79	65579	55.335	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.680%			
47) 2-Hexanone-d5	8.636	63	77432	107.473	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.470%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	219359	50.608	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.220%			
66) 1,2-Dichlorobenzene-d4	12.195	152	141725	48.483	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	111011	43.810	ug/L	99
3) Chloromethane	1.520	50	96323	35.181	ug/L	99
5) Vinyl chloride	1.604	62	93520	36.254	ug/L	97
6) Bromomethane	1.854	94	58767	45.173	ug/L	98
8) Chloroethane	1.928	64	56034	40.898	ug/L	99
9) Trichlorofluoromethane	2.137	101	143108	45.535	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	89776	43.546	ug/L	95
12) 1,1-Dichloroethene	2.578	96	87130	43.495	ug/L	90
13) Acetone	2.633	43	151793	121.891	ug/L	100
14) Carbon disulfide	2.793	76	251736	42.378	ug/L	100
15) Methyl Acetate	2.951	43	127233	48.310	ug/L	96
16) Methylene chloride	3.044	84	119691	45.527	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	96659	45.503	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	334919	50.851	ug/L	98
19) 1,1-Dichloroethane	3.867	63	187900	45.848	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	116033	48.412	ug/L	91
22) 2-Butanone	4.703	43	204248	104.864	ug/L	96
23) Bromochloromethane	4.973	128	63475	51.252	ug/L	92
25) Chloroform	5.086	83	208845	50.018	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	161153	52.074	ug/L	98
29) Cyclohexane	5.388	56	138963	39.305	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	168017	47.253	ug/L	97
31) Carbon tetrachloride	5.526	117	143405	49.226	ug/L	99
33) Benzene	5.774	78	453762	47.230	ug/L	100
34) Trichloroethene	6.542	95	104349	46.613	ug/L	96
35) Methylcyclohexane	6.764	83	151513	42.572	ug/L	96
37) 1,2-Dichloropropane	6.790	63	116902	46.066	ug/L	99
38) Bromodichloromethane	7.105	83	159174	53.321	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	174222	50.719	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	333539	96.448	ug/L	96
42) Toluene	7.970	91	464113	47.557	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	166767	51.745	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	122383	50.202	ug/L	99
46) Tetrachloroethene	8.555	164	78334	47.909	ug/L	98
48) 2-Hexanone	8.687	43	296508	91.871	ug/L	96
49) Dibromochloromethane	8.809	129	129032	55.493	ug/L	97
50) 1,2-Dibromoethane	8.925	107	131430	53.013	ug/L	97
51) Chlorobenzene	9.446	112	294795	48.672	ug/L	98
52) Ethylbenzene	9.571	91	463331	48.059	ug/L	100
53) m,p-Xylene	9.693	106	179229	48.524	ug/L	99
54) o-Xylene	10.102	106	183505	49.902	ug/L	98
55) Styrene	10.115	104	314680	52.009	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	216868	49.943	ug/L	99
59) Bromoform	10.291	173	100704	54.052	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	174528	47.635	ug/L	98
61) Isopropylbenzene	10.484	105	438020	44.315	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	387620	45.871	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	382317	47.115	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	211574	48.648	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	205110	47.712	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	221638	47.850	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	49285	50.938	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	147249	46.654	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	119068	44.428	ug/L	99
71) Naphthalene	14.085	128	436446	45.932	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	135221	46.592	ug/L	98

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

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