Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046126.D
Acq On : 06 Dec 2021 21:25
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050124

Quant Time: Dec 07 04:38:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	225508	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	219656	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	119585	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	57143	30.761	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 61.520%			
7) Chloroethane-d5	1.916	69	44154	30.958	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 61.920%#			
11) 1,1-Dichloroethene-d2	2.572	63	131067	39.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.600%			
21) 2-Butanone-d5	4.633	46	117735	79.728	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.730%			
24) Chloroform-d	5.067	84	132346	42.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.320%			
26) 1,2-Dichloroethane-d4	5.703	65	83986	40.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.680%			
32) Benzene-d6	5.729	84	265090	42.106	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.220%			
36) 1,2-Dichloropropane-d6	6.694	67	84364	43.238	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.480%			
41) Toluene-d8	7.903	98	246812	43.057	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.120%			
43) trans-1,3-Dichloroprop...	8.182	79	42104	44.702	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.400%			
47) 2-Hexanone-d5	8.636	63	86929	93.966	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.970%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	125991	42.579	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.160%			
66) 1,2-Dichlorobenzene-d4	12.195	152	103049	44.746	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	115146	46.932	ug/L	100
3) Chloromethane	1.520	50	96966	44.186	ug/L	100
5) Vinyl chloride	1.604	62	104489	47.222	ug/L	99
6) Bromomethane	1.861	94	62184	49.583	ug/L	97
8) Chloroethane	1.935	64	58672	45.796	ug/L	99
9) Trichlorofluoromethane	2.141	101	145440	50.346	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	90838	55.359	ug/L	96
12) 1,1-Dichloroethene	2.584	96	85283	54.695	ug/L #	80
13) Acetone	2.645	43	101054	54.755	ug/L	96
14) Carbon disulfide	2.797	76	243796	50.396	ug/L	100
15) Methyl Acetate	2.954	43	105934	49.238	ug/L	97
16) Methylene chloride	3.051	84	98979	53.354	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	93630	56.742	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	306950	60.360	ug/L	100
19) 1,1-Dichloroethane	3.874	63	166353	55.446	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	105376	58.854	ug/L	99
22) 2-Butanone	4.713	43	156076	77.685	ug/L	96
23) Bromochloromethane	4.977	128	54819	60.621	ug/L	88
25) Chloroform	5.092	83	177474	53.240	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	133901	54.131	ug/L	96
29) Cyclohexane	5.391	56	149788	58.562	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	155399	57.634	ug/L	99
31) Carbon tetrachloride	5.526	117	131974	57.655	ug/L	99
33) Benzene	5.777	78	382909	57.596	ug/L	100
34) Trichloroethene	6.546	95	104793	59.834	ug/L	98
35) Methylcyclohexane	6.768	83	159916	58.887	ug/L	98
37) 1,2-Dichloropropane	6.793	63	100234	57.555	ug/L	100
38) Bromodichloromethane	7.108	83	131331	56.736	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	161381	60.913	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	283721	110.884	ug/L	98
42) Toluene	7.973	91	424971	59.573	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	153429	58.963	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	103547	59.264	ug/L	96
46) Tetrachloroethene	8.555	164	80892	62.850	ug/L	96
48) 2-Hexanone	8.684	43	217853	95.202	ug/L	96
49) Dibromochloromethane	8.812	129	111358	60.693	ug/L	98
50) 1,2-Dibromoethane	8.925	107	111893	59.069	ug/L	99
51) Chlorobenzene	9.449	112	278549	60.356	ug/L	98
52) Ethylbenzene	9.571	91	467616	60.909	ug/L	98
53) m,p-Xylene	9.697	106	185526	61.965	ug/L	97
54) o-xylene	10.102	106	181571	62.498	ug/L	94
55) Styrene	10.115	104	310765	62.654	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	163824	54.690	ug/L	100
59) Bromoform	10.291	173	81104	57.813	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	139141	53.079	ug/L	99
61) Isopropylbenzene	10.484	105	476136	61.195	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	409841	63.195	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	411305	63.390	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	225974	61.142	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	228593	59.845	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	222298	59.727	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	39526	56.600	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	169268	62.855	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	160395	67.118	ug/L	99
71) Naphthalene	14.089	128	568595	68.375	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	161245	66.168	ug/L	99

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

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