Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111622\
Data File : VU051880.D
Acq On : 16 Nov 2022 13:33
Operator : JC/MD
Sample : MDL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Quant Time: Nov 17 01:40:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 17 01:20:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	505547	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	503456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	204292	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	108644	43.775	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.540%			
7) Chloroethane-d5	1.903	69	116827	46.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.960%			
11) 1,1-Dichloroethene-d2	2.562	63	136062	30.571	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.140%			
21) 2-Butanone-d5	4.617	46	261832	92.776	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.780%			
24) Chloroform-d	5.060	84	279556	44.933	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.860%			
26) 1,2-Dichloroethane-d4	5.700	65	174086	45.710	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.420%			
32) Benzene-d6	5.723	84	508301	48.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.840%			
36) 1,2-Dichloropropane-d6	6.687	67	192073	49.156	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.320%			
41) Toluene-d8	7.896	98	390008	45.264	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.520%			
43) trans-1,3-Dichloroprop...	8.176	79	68449	43.980	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.960%			
47) 2-Hexanone-d5	8.629	63	180613	90.951	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.950%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	343860	45.216	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.440%			
66) 1,2-Dichlorobenzene-d4	12.192	152	188521	52.437	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	6323	2.037	ug/L	99
3) Chloromethane	1.523	50	10546	2.559	ug/L	95
5) Vinyl chloride	1.604	62	9124	2.134	ug/L #	4
6) Bromomethane	1.839	94	4233	2.285	ug/L	89
8) Chloroethane	1.925	64	6559	2.360	ug/L	92
9) Trichlorofluoromethane	2.134	101	10651	2.081	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	7775	2.410	ug/L	96
12) 1,1-Dichloroethene	2.578	96	7895	2.621	ug/L #	1
13) Acetone	2.630	43	9449	3.129	ug/L	96
14) Carbon disulfide	2.790	76	17027	2.040	ug/L	98
15) Methyl Acetate	2.951	43	8749	2.125	ug/L	96
16) Methylene chloride	3.044	84	12552	2.610	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	6233	1.920	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	19079	1.899	ug/L	96
19) 1,1-Dichloroethane	3.867	63	13399	2.028	ug/L	94
20) cis-1,2-Dichloroethene	4.665	96	7873	2.078	ug/L	97
22) 2-Butanone	4.710	43	13322m	3.907	ug/L	
23) Bromochloromethane	4.977	128	4229	2.022	ug/L	95
27) 1,2-Dichloroethane	5.797	62	10958	2.151	ug/L #	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) Cyclohexane	5.382	56	8198	1.909	ug/L	#	79
30) 1,1,1-Trichloroethane	5.314	97	11064	2.174	ug/L		98
31) Carbon tetrachloride	5.527	117	9382	2.205	ug/L		96
33) Benzene	5.774	78	32670	2.256	ug/L		100
35) Methylcyclohexane	6.761	83	9765	2.099	ug/L		94
37) 1,2-Dichloropropane	6.787	63	9181	2.239	ug/L	#	89
38) Bromodichloromethane	7.102	83	11100	2.164	ug/L		94
39) cis-1,3-Dichloropropene	7.607	75	10614	1.979	ug/L		96
40) 4-Methyl-2-pentanone	7.790	43	19339	3.581	ug/L		96
42) Toluene	7.967	91	31500	2.115	ug/L		98
44) trans-1,3-Dichloropropene	8.208	75	10386	2.021	ug/L		94
45) 1,1,2-Trichloroethane	8.401	97	8775	2.106	ug/L		95
46) Tetrachloroethene	8.555	164	5649	2.062	ug/L		92
49) Dibromochloromethane	8.809	129	8417	1.959	ug/L		96
50) 1,2-Dibromoethane	8.922	107	8980	2.141	ug/L	#	96
51) Chlorobenzene	9.446	112	21500	2.112	ug/L		98
52) Ethylbenzene	9.568	91	28512	1.870	ug/L		94
53) m,p-Xylene	9.694	106	10413	1.765	ug/L		85
54) o-Xylene	10.099	106	10174	1.694	ug/L		95
55) Styrene	10.115	104	14450	1.394	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.780	83	16420	2.085	ug/L	#	98
59) Bromoform	10.288	173	6289	2.271	ug/L		94
60) 1,2,3-Trichloropropane	10.822	75	12058	2.467	ug/L		96
61) Isopropylbenzene	10.481	105	23052	1.931	ug/L		97
62) 1,3,5-Trimethylbenzene	11.086	105	16938	1.741	ug/L		94
63) 1,2,4-Trimethylbenzene	11.465	105	15078	1.586	ug/L		96
64) 1,3-Dichlorobenzene	11.745	146	12995	2.147	ug/L		98
65) 1,4-Dichlorobenzene	11.835	146	13778	2.248	ug/L		98
67) 1,2-Dichlorobenzene	12.211	146	14875	2.312	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.996	75	2743	2.192	ug/L		97
69) 1,3,5-Trichlorobenzene	13.217	180	8472	2.110	ug/L		98
70) 1,2,4-trichlorobenzene	13.841	180	6790	2.134	ug/L		96
71) Naphthalene	14.089	128	18035m	1.723	ug/L		
72) 1,2,3-Trichlorobenzene	14.330	180	6893	1.979	ug/L		93

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

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