Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
Data File : VU045484.D
Acq On : 01 Nov 2021 12:45
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 02 02:45:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 02 02:33:37 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/08/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	313043	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	298106	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	145594	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	104075	40.847	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.700%			
7) Chloroethane-d5	1.916	69	94507	46.285	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.560%			
11) 1,1-Dichloroethene-d2	2.571	63	153501	33.922	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.840%			
21) 2-Butanone-d5	4.629	46	221694	103.972	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.970%			
24) Chloroform-d	5.067	84	210431	46.036	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.080%			
26) 1,2-Dichloroethane-d4	5.706	65	143111	47.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.700%			
32) Benzene-d6	5.732	84	437550	47.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.980%			
36) 1,2-Dichloropropane-d6	6.694	67	143593	48.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.300%			
41) Toluene-d8	7.902	98	380236	47.312	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.620%			
43) trans-1,3-Dichloroprop...	8.182	79	66033	47.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.260%			
47) 2-Hexanone-d5	8.632	63	155812	97.884	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.880%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	211133	47.179	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.360%			
66) 1,2-Dichlorobenzene-d4	12.195	152	142382	48.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	6622	2.394	ug/L	100
3) Chloromethane	1.520	50	8271	2.476	ug/L	96
5) Vinyl chloride	1.607	62	8483	2.702	ug/L	86
6) Bromomethane	1.861	94	4292	2.656	ug/L	97
8) Chloroethane	1.938	64	5049	2.722	ug/L	90
9) Trichlorofluoromethane	2.141	101	8969	2.414	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	6859	3.029	ug/L #	83
12) 1,1-Dichloroethene	2.584	96	6547	3.064	ug/L #	1
13) Acetone	2.645	43	9786	5.596	ug/L	95
14) Carbon disulfide	2.797	76	15433	2.526	ug/L	98
15) Methyl Acetate	2.957	43	7927	2.683	ug/L	93
16) Methylene chloride	3.051	84	6998	2.654	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	5627	2.461	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	19733	2.462	ug/L	98
19) 1,1-Dichloroethane	3.877	63	11193	2.456	ug/L	95
20) cis-1,2-Dichloroethene	4.668	96	6288	2.411	ug/L	98
22) 2-Butanone	4.719	43	11446	4.793	ug/L	98
23) Bromochloromethane	4.980	128	3269	2.604	ug/L	98
25) Chloroform	5.096	83	12184	2.672	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.800	62	9789	2.624	ug/L		98
29) Cyclohexane	5.395	56	10597	2.480	ug/L		99
30) 1,1,1-Trichloroethane	5.321	97	8903	2.352	ug/L		96
31) Carbon tetrachloride	5.530	117	7093	2.370	ug/L		99
33) Benzene	5.780	78	26177	2.532	ug/L		100
34) Trichloroethene	6.549	95	5914	2.383	ug/L		94
35) Methylcyclohexane	6.767	83	9843	2.282	ug/L		98
37) 1,2-Dichloropropane	6.793	63	7055	2.570	ug/L	#	97
38) Bromodichloromethane	7.108	83	8302	2.405	ug/L		97
39) cis-1,3-Dichloropropene	7.610	75	10571	2.517	ug/L		99
40) 4-Methyl-2-pentanone	7.793	43	19569	4.830	ug/L		98
42) Toluene	7.973	91	32119	2.985	ug/L		99
44) trans-1,3-Dichloropropene	8.214	75	9819m	2.480	ug/L		
45) 1,1,2-Trichloroethane	8.404	97	6176	2.423	ug/L		98
46) Tetrachloroethene	8.558	164	4193	2.381	ug/L		94
48) 2-Hexanone	8.687	43	20469	6.066	ug/L		97
49) Dibromochloromethane	8.812	129	5820	2.369	ug/L		96
50) 1,2-Dibromoethane	8.925	107	6518	2.436	ug/L	#	93
51) Chlorobenzene	9.449	112	16217	2.494	ug/L		97
52) Ethylbenzene	9.574	91	28083	2.461	ug/L		97
53) m,p-Xylene	9.693	106	10750	2.461	ug/L		94
54) o-xylene	10.102	106	9785	2.262	ug/L		98
55) Styrene	10.118	104	16050	2.209	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.783	83	12105	2.673	ug/L	#	97
59) Bromoform	10.295	173	3947	2.351	ug/L		100
60) 1,2,3-Trichloropropane	10.825	75	9175	2.559	ug/L		99
61) Isopropylbenzene	10.488	105	25526	2.372	ug/L		99
62) 1,3,5-Trimethylbenzene	11.089	105	20599	2.247	ug/L		97
63) 1,2,4-Trimethylbenzene	11.471	105	21299	2.286	ug/L		98
64) 1,3-Dichlorobenzene	11.748	146	12237	2.571	ug/L		98
65) 1,4-Dichlorobenzene	11.838	146	12996	2.699	ug/L		99
67) 1,2-Dichlorobenzene	12.214	146	12638	2.566	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.999	75	2485	2.374	ug/L		94
69) 1,3,5-Trichlorobenzene	13.221	180	8342	2.376	ug/L		97
70) 1,2,4-trichlorobenzene	13.844	180	7479	2.332	ug/L		95
71) Naphthalene	14.089	128	28033	2.294	ug/L		99
72) 1,2,3-Trichlorobenzene	14.333	180	8216	2.503	ug/L		97

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

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