Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102921\
Data File : VV023104.D
Acq On : 29 Oct 2021 14:47
Operator : SY/MD
Sample : MDL05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 30 00:52:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 30 00:25:16 2021
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : MDL05

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11/1/2021 6:39:59 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	249454	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	245307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	122139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75045	43.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.300%			
7) Chloroethane-d5	1.564	69	61549	45.901	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.105	63	110509	33.934	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.860%			
21) 2-Butanone-d5	3.876	46	141706	110.019	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.020%			
24) Chloroform-d	4.349	84	168299	46.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.120%			
26) 1,2-Dichloroethane-d4	5.030	65	110106	51.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.920%			
32) Benzene-d6	5.050	84	327189	48.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.380%			
36) 1,2-Dichloropropane-d6	6.069	67	107355	50.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.380%			
41) Toluene-d8	7.317	98	296127	48.301	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.600%			
43) trans-1,3-Dichloroprop...	7.622	79	49442	48.222	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.440%			
47) 2-Hexanone-d5	8.088	63	99559	107.154	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.150%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	155571	49.758	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.520%			
66) 1,2-Dichlorobenzene-d4	11.625	152	122617	52.045	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	5533	2.333	ug/L	98
3) Chloromethane	1.240	50	4989	2.231	ug/L	90
5) Vinyl chloride	1.307	62	5246	2.347	ug/L #	73
6) Bromomethane	1.519	94	3023	2.408	ug/L	94
8) Chloroethane	1.584	64	2864	2.105	ug/L	91
9) Trichlorofluoromethane	1.751	101	7460	2.199	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4892	2.717	ug/L	88
12) 1,1-Dichloroethene	2.117	96	4665	2.792	ug/L #	1
13) Acetone	2.169	43	6365	4.986	ug/L #	73
14) Carbon disulfide	2.294	76	11552	2.312	ug/L	99
15) Methyl Acetate	2.436	43	5229	2.468	ug/L	96
16) Methylene chloride	2.506	84	5671	2.649	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	4679	2.454	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	12893	2.251	ug/L	96
19) 1,1-Dichloroethane	3.191	63	8088	2.276	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	4774	2.342	ug/L	91
22) 2-Butanone	3.985	43	7513m	5.163	ug/L	
23) Bromochloromethane	4.262	128	2822m	2.457	ug/L	
25) Chloroform	4.375	83	9697	2.654	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.143	62	6716m	2.449	ug/L		
29) Cyclohexane	4.677	56	5931	2.071	ug/L	#	65
30) 1,1,1-Trichloroethane	4.606	97	7968	2.438	ug/L	#	88
31) Carbon tetrachloride	4.828	117	6522	2.220	ug/L	#	2
33) Benzene	5.101	78	17352	2.271	ug/L		100
34) Trichloroethene	5.924	95	4538	2.273	ug/L		94
35) Methylcyclohexane	6.130	83	6528	2.098	ug/L	#	81
37) 1,2-Dichloropropane	6.182	63	4967	2.473	ug/L	#	91
38) Bromodichloromethane	6.519	83	6231	2.292	ug/L		86
39) cis-1,3-Dichloropropene	7.037	75	7214	2.368	ug/L		89
40) 4-Methyl-2-pentanone	7.233	43	11815	4.561	ug/L		99
42) Toluene	7.394	91	22889	2.799	ug/L		95
44) trans-1,3-Dichloropropene	7.657	75	6877	2.329	ug/L		98
45) 1,1,2-Trichloroethane	7.844	97	4499	2.194	ug/L		92
46) Tetrachloroethene	7.979	164	3930	2.283	ug/L		97
48) 2-Hexanone	8.153	43	10120	4.921	ug/L		98
49) Dibromochloromethane	8.249	129	5403	2.306	ug/L		95
50) 1,2-Dibromoethane	8.358	107	5167	2.392	ug/L		97
51) Chlorobenzene	8.886	112	12995	2.352	ug/L		97
52) Ethylbenzene	9.017	91	17908	2.058	ug/L		98
53) m,p-Xylene	9.143	106	6911	2.060	ug/L		95
54) o-Xylene	9.545	106	6383	1.955	ug/L		97
55) Styrene	9.567	104	10313	1.817	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.242	83	8395	2.567	ug/L		99
59) Bromoform	9.734	173	3694	2.391	ug/L	#	98
60) Isopropylbenzene	9.934	105	16075	2.060	ug/L		98
61) 1,2,3-Trichloropropane	10.275	75	6198	2.708	ug/L		99
62) 1,3,5-Trimethylbenzene	10.541	105	13589	2.115	ug/L		99
63) 1,2,4-Trimethylbenzene	10.918	105	12398	1.922	ug/L		93
64) 1,3-Dichlorobenzene	11.185	146	9344	2.369	ug/L		97
65) 1,4-Dichlorobenzene	11.275	146	10285	2.503	ug/L		97
67) 1,2-Dichlorobenzene	11.644	146	10531	2.640	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.429	75	1845	2.888	ug/L		89
69) 1,3,5-Trichlorobenzene	12.648	180	6838	2.292	ug/L		99
70) 1,2,4-trichlorobenzene	13.262	180	5846	2.261	ug/L		99
71) Naphthalene	13.506	128	17472	2.105	ug/L		99
72) 1,2,3-Trichlorobenzene	13.747	180	6314	2.310	ug/L		99

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

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