Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102821\
Data File : VV023086.D
Acq On : 28 Oct 2021 20:05
Operator : SY/MD
Sample : MDL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 29 02:26:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 29 01:52:27 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	263013	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	256715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126765	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85658	47.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.520%			
7) Chloroethane-d5	1.564	69	68248	48.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.540%			
11) 1,1-Dichloroethene-d2	2.105	63	122901	35.794	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.580%			
21) 2-Butanone-d5	3.876	46	145037	106.800	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.800%			
24) Chloroform-d	4.349	84	182530	47.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.780%			
26) 1,2-Dichloroethane-d4	5.031	65	115675	51.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.560%			
32) Benzene-d6	5.050	84	356566	50.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.400%			
36) 1,2-Dichloropropane-d6	6.069	67	114137	50.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.960%			
41) Toluene-d8	7.317	98	319852	49.852	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.700%			
43) trans-1,3-Dichloroprop...	7.622	79	52728	49.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.280%			
47) 2-Hexanone-d5	8.088	63	107635	110.699	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.700%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	164020	50.129	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.260%			
66) 1,2-Dichlorobenzene-d4	11.625	152	129572	52.990	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	6012	2.405	ug/L	100
3) Chloromethane	1.237	50	5681	2.409	ug/L	100
5) Vinyl chloride	1.307	62	5659	2.401	ug/L #	71
6) Bromomethane	1.519	94	3427	2.589	ug/L	95
8) Chloroethane	1.581	64	3326	2.318	ug/L	85
9) Trichlorofluoromethane	1.751	101	8567	2.396	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5679	2.991	ug/L #	78
12) 1,1-Dichloroethene	2.114	96	5323	3.021	ug/L #	1
13) Acetone	2.169	43	5961m	4.428	ug/L	
14) Carbon disulfide	2.291	76	12479	2.369	ug/L	96
15) Methyl Acetate	2.436	43	5204	2.329	ug/L	95
16) Methylene chloride	2.507	84	6049	2.680	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	4710	2.343	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	13748	2.277	ug/L	99
19) 1,1-Dichloroethane	3.191	63	8584	2.292	ug/L	96
20) cis-1,2-Dichloroethene	3.918	96	5319	2.475	ug/L	96
22) 2-Butanone	3.995	43	7321m	4.772	ug/L	
23) Bromochloromethane	4.259	128	2985	2.465	ug/L	88
25) Chloroform	4.375	83	9886	2.566	ug/L	87

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.137	62	7857	2.717	ug/L		96
29) Cyclohexane	4.680	56	6887	2.298	ug/L	#	94
30) 1,1,1-Trichloroethane	4.609	97	7913	2.313	ug/L	#	73
31) Carbon tetrachloride	4.831	117	7125	2.317	ug/L		95
33) Benzene	5.105	78	20042	2.506	ug/L		100
34) Trichloroethene	5.924	95	4819	2.306	ug/L		93
35) Methylcyclohexane	6.137	83	6963	2.138	ug/L		97
37) 1,2-Dichloropropane	6.182	63	4522	2.152	ug/L	#	92
38) Bromodichloromethane	6.516	83	6443	2.265	ug/L	#	92
39) cis-1,3-Dichloropropene	7.037	75	6976	2.189	ug/L		100
40) 4-Methyl-2-pentanone	7.233	43	11973	4.417	ug/L		99
42) Toluene	7.394	91	23975	2.801	ug/L		97
44) trans-1,3-Dichloropropene	7.657	75	7437m	2.407	ug/L		
45) 1,1,2-Trichloroethane	7.844	97	5254	2.448	ug/L		98
46) Tetrachloroethene	7.979	164	4399	2.442	ug/L		92
48) 2-Hexanone	8.149	43	9834	4.569	ug/L	#	95
49) Dibromochloromethane	8.249	129	5848	2.385	ug/L		99
50) 1,2-Dibromoethane	8.362	107	5269	2.331	ug/L		93
51) Chlorobenzene	8.886	112	13801	2.387	ug/L		94
52) Ethylbenzene	9.018	91	19648	2.158	ug/L		98
53) m,p-Xylene	9.146	106	7549	2.150	ug/L		95
54) o-Xylene	9.548	106	7139	2.089	ug/L		100
55) Styrene	9.567	104	11283	1.900	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.243	83	8897	2.600	ug/L	#	98
59) Bromoform	9.735	173	3936	2.455	ug/L		95
60) Isopropylbenzene	9.934	105	17150	2.118	ug/L		97
61) 1,2,3-Trichloropropane	10.278	75	6667	2.806	ug/L		96
62) 1,3,5-Trimethylbenzene	10.542	105	13325	1.998	ug/L		99
63) 1,2,4-Trimethylbenzene	10.918	105	13908	2.077	ug/L		96
64) 1,3-Dichlorobenzene	11.185	146	9815	2.397	ug/L		97
65) 1,4-Dichlorobenzene	11.275	146	10711	2.512	ug/L		95
67) 1,2-Dichlorobenzene	11.644	146	11013	2.660	ug/L		94
68) 1,2-Dibromo-3-chloropr...	12.429	75	1842	2.778	ug/L		83
69) 1,3,5-Trichlorobenzene	12.648	180	7466	2.411	ug/L		99
70) 1,2,4-trichlorobenzene	13.268	180	6566	2.447	ug/L		98
71) Naphthalene	13.506	128	19202	2.229	ug/L		99
72) 1,2,3-Trichlorobenzene	13.747	180	6270	2.210	ug/L		98

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

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