Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
Data File : VU045442.D
Acq On : 28 Oct 2021 16:08
Operator : SY/MD
Sample : MDL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 29 03:12:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 29 03:03:47 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	318632	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	301833	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	144448	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	121497	46.849	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.700%			
7) Chloroethane-d5	1.916	69	104767	50.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.820%			
11) 1,1-Dichloroethene-d2	2.572	63	167879	36.449	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.900%			
21) 2-Butanone-d5	4.626	46	212978	98.132	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.130%			
24) Chloroform-d	5.067	84	220870	47.472	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.940%			
26) 1,2-Dichloroethane-d4	5.707	65	151608	49.277	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.560%			
32) Benzene-d6	5.732	84	456897	48.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.960%			
36) 1,2-Dichloropropane-d6	6.694	67	148563	49.203	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.400%			
41) Toluene-d8	7.899	98	395885	48.651	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.300%			
43) trans-1,3-Dichloroprop...	8.182	79	68964	48.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.220%			
47) 2-Hexanone-d5	8.632	63	152907	94.873	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.870%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213192	47.050	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.100%			
66) 1,2-Dichlorobenzene-d4	12.195	152	145081	49.645	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	6942	2.466	ug/L	98
3) Chloromethane	1.520	50	9568	2.815	ug/L	98
5) Vinyl chloride	1.607	62	8829	2.762	ug/L	85
6) Bromomethane	1.861	94	4580	2.784	ug/L	96
8) Chloroethane	1.935	64	5600	2.966	ug/L	99
9) Trichlorofluoromethane	2.141	101	9855	2.606	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	7077	3.071	ug/L #	84
12) 1,1-Dichloroethene	2.581	96	6666	3.065	ug/L #	1
13) Acetone	2.636	43	9697	5.448	ug/L	97
14) Carbon disulfide	2.797	76	16051	2.581	ug/L	99
15) Methyl Acetate	2.954	43	7985	2.655	ug/L	96
16) Methylene chloride	3.051	84	7326	2.729	ug/L	92
17) trans-1,2-Dichloroethene	3.359	96	5946	2.555	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	20543	2.518	ug/L	99
19) 1,1-Dichloroethane	3.874	63	11837	2.552	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	6999	2.637	ug/L	97
22) 2-Butanone	4.710	43	11200	4.607	ug/L	99
23) Bromochloromethane	4.977	128	3020	2.363	ug/L	93
25) Chloroform	5.096	83	13014	2.804	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.797	62	10045	2.646	ug/L		100
29) Cyclohexane	5.391	56	10790	2.494	ug/L		99
30) 1,1,1-Trichloroethane	5.317	97	9956	2.598	ug/L		98
31) Carbon tetrachloride	5.530	117	7679	2.534	ug/L		100
33) Benzene	5.777	78	27125	2.591	ug/L		100
34) Trichloroethene	6.546	95	6173	2.456	ug/L		90
35) Methylcyclohexane	6.768	83	10793	2.472	ug/L		97
37) 1,2-Dichloropropane	6.796	63	7087	2.550	ug/L	#	97
38) Bromodichloromethane	7.108	83	8520	2.438	ug/L		99
39) cis-1,3-Dichloropropene	7.610	75	10078	2.370	ug/L		98
40) 4-Methyl-2-pentanone	7.790	43	19851	4.839	ug/L		98
42) Toluene	7.973	91	34251	3.144	ug/L		97
44) trans-1,3-Dichloropropene	8.214	75	10964m	2.735	ug/L		
45) 1,1,2-Trichloroethane	8.404	97	6705	2.598	ug/L		94
46) Tetrachloroethene	8.555	164	4386	2.460	ug/L		99
48) 2-Hexanone	8.687	43	19598	5.736	ug/L		97
49) Dibromochloromethane	8.812	129	6064	2.438	ug/L		100
50) 1,2-Dibromoethane	8.925	107	6927	2.557	ug/L		95
51) Chlorobenzene	9.449	112	16674	2.533	ug/L		98
52) Ethylbenzene	9.571	91	28431	2.460	ug/L		99
53) m,p-Xylene	9.697	106	10959	2.478	ug/L		94
54) o-xylene	10.102	106	10277	2.346	ug/L		88
55) Styrene	10.118	104	16933	2.301	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.783	83	12310	2.685	ug/L	#	94
59) Bromoform	10.292	173	4091	2.456	ug/L	#	93
60) 1,2,3-Trichloropropane	10.825	75	9391	2.640	ug/L		99
61) Isopropylbenzene	10.488	105	26296	2.463	ug/L		99
62) 1,3,5-Trimethylbenzene	11.092	105	21253	2.337	ug/L		99
63) 1,2,4-Trimethylbenzene	11.468	105	21555	2.332	ug/L		98
64) 1,3-Dichlorobenzene	11.748	146	12241	2.592	ug/L		94
65) 1,4-Dichlorobenzene	11.838	146	13148	2.752	ug/L		94
67) 1,2-Dichlorobenzene	12.214	146	13027	2.666	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.996	75	2359	2.271	ug/L		91
69) 1,3,5-Trichlorobenzene	13.224	180	8777	2.520	ug/L		97
70) 1,2,4-trichlorobenzene	13.841	180	7667	2.409	ug/L		98
71) Naphthalene	14.089	128	26928	2.221	ug/L		100
72) 1,2,3-Trichlorobenzene	14.333	180	8295	2.547	ug/L		98

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

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