Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008396.D
Acq On : 24 Oct 2018 17:01
Operator : SY/MD
Sample : MDL07
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL07

Manual Integrations APPROVED
apatel
10/25/2018 4:41:00 PM

Quant Time: Oct 25 09:16:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 09:07:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	219854	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77306	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	45212	37.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.28%			
7) Chloroethane-d5	1.55	69	28792	32.76	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 65.52%#			
11) 1,1-Dichloroethene-d2	2.11	63	68864	31.32	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.64%			
21) 2-Butanone-d5	3.93	46	130727	98.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.82%			
24) Chloroform-d	4.40	84	134604	44.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.66%			
26) 1,2-Dichloroethane-d4	5.08	65	94078	46.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.74%			
32) Benzene-d6	5.10	84	267824	47.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.88%			
36) 1,2-Dichloropropane-d6	6.12	67	95327	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.32%			
41) Toluene-d8	7.36	98	245565	48.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.84%			
43) trans-1,3-Dichloropropene-	7.66	79	45272	48.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.12%			
47) 2-Hexanone-d5	8.13	63	97314	96.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.12%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120993	46.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.14%			
64) 1,2-Dichlorobenzene-d4	11.68	152	75495	47.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	2390	1.522	ug/L	99
3) Chloromethane	1.25	50	3765	2.239	ug/L	99
5) Vinyl chloride	1.32	62	2254	1.446	ug/L #	45
6) Bromomethane	1.51	94	932	2.180	ug/L	98
8) Chloroethane	1.57	64	1601	1.956	ug/L	95
9) Trichlorofluoromethane	1.75	101	3104	1.548	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2332	2.226	ug/L #	83
12) 1,1-Dichloroethene	2.12	96	2069	2.097	ug/L #	1
13) Acetone	2.19	43	4671	4.549	ug/L	95
14) Carbon disulfide	2.30	76	7647	1.721	ug/L	96
15) Methyl Acetate	2.46	43	3779	1.846	ug/L	100
16) Methylene chloride	2.53	84	2832	1.658	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	2508	1.668	ug/L	97
18) Methyl tert-butyl Ether	2.80	73	9128	1.696	ug/L	98
19) 1,1-Dichloroethane	3.23	63	5024	1.620	ug/L	95
20) cis-1,2-Dichloroethene	3.96	96	2854	1.666	ug/L	99
22) 2-Butanone	4.03	43	5459	3.680	ug/L #	71

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	1342m	1.661 ug/L		
25) Chloroform	4.42	83	5671	1.873 ug/L		94
27) 1,2-Dichloroethane	5.18	62	4470	1.768 ug/L		99
29) Cyclohexane	4.72	56	4998	1.751 ug/L	#	96
30) 1,1,1-Trichloroethane	4.65	97	4410	1.735 ug/L	#	84
31) Carbon tetrachloride	4.87	117	3700	1.715 ug/L		90
33) Benzene	5.14	78	10993	1.716 ug/L		100
34) Trichloroethene	5.96	95	3082	1.879 ug/L		96
35) Methylcyclohexane	6.17	83	4642	1.664 ug/L		93
37) 1,2-Dichloropropane	6.22	63	3244	1.833 ug/L	#	89
38) Bromodichloromethane	6.56	83	3935	1.745 ug/L		94
39) cis-1,3-Dichloropropene	7.07	75	4778	1.717 ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	8536	3.257 ug/L		96
42) Toluene	7.43	91	12138	1.824 ug/L		96
44) trans-1,3-Dichloropropene	7.69	75	4885	1.877 ug/L		98
45) 1,1,2-Trichloroethane	7.88	97	2634	1.683 ug/L		91
46) Tetrachloroethene	8.02	164	1773	1.658 ug/L		92
48) 2-Hexanone	8.19	43	7489	3.704 ug/L		97
49) Dibromochloromethane	8.29	129	2530	1.505 ug/L		88
50) 1,2-Dibromoethane	8.40	107	2677	1.631 ug/L	#	91
51) Chlorobenzene	8.93	112	6879	1.679 ug/L		91
52) Ethylbenzene	9.06	91	12577	1.687 ug/L		97
53) m,p-Xylene	9.18	106	4682	1.719 ug/L		93
54) o-xylene	9.59	106	4581	1.684 ug/L		94
55) Styrene	9.61	104	6987	1.525 ug/L		96
56) Isopropylbenzene	9.98	105	11202	1.574 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	5113	1.866 ug/L	#	98
59) 1,2,3-Trichloropropane	10.32	75	3603	1.625 ug/L		95
61) Bromoform	9.78	173	1662	1.704 ug/L	#	91
62) 1,3-Dichlorobenzene	11.23	146	4430	1.733 ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	4458	1.740 ug/L		96
65) 1,2-Dichlorobenzene	11.69	146	4500	1.727 ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.48	75	844m	1.575 ug/L		
67) 1,3,5-Trichlorobenzene	12.70	180	2522	1.511 ug/L		94
68) 1,2,4-trichlorobenzene	13.32	180	1790	1.326 ug/L		98
69) Naphthalene	13.56	128	4881	1.118 ug/L	#	94
70) 1,2,3-Trichlorobenzene	13.80	180	1834	1.359 ug/L		93

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

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