Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092120\
Data File : VX018516.D
Acq On : 21 Sep 2020 16:58
Operator : JC/SP
Sample : MDL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
10/6/2020 1:13:14 PM

Quant Time: Sep 22 02:18:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 22 01:45:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	654360	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	634666	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	305712	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	6774	1.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 3.12%#			
7) Chloroethane-d5	1.70	69	5494	1.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 3.34%#			
11) 1,1-Dichloroethene-d2	2.34	63	16519	1.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 3.74%#			
21) 2-Butanone-d5	4.54	46	7990m	2.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 2.77%#			
24) Chloroform-d	5.14	84	14194	1.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 3.42%#			
26) 1,2-Dichloroethane-d4	6.03	65	11055m	1.76	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 3.52%#			
32) Benzene-d6	6.05	84	24196	1.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 2.94%#			
36) 1,2-Dichloropropane-d6	7.37	67	7583	1.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 2.96%#			
41) Toluene-d8	8.70	98	24339	1.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 3.02%#			
43) trans-1,3-Dichloropropene-	8.99	79	4836	1.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 3.28%#			
47) 2-Hexanone-d5	9.43	63	5079	2.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 2.38%#			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	9943	1.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 2.90%#			
66) 1,2-Dichlorobenzene-d4	12.36	152	11419	1.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 3.88%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	11754	2.086	ug/L	98
3) Chloromethane	1.31	50	9519	2.213	ug/L	96
5) Vinyl chloride	1.39	62	10623	2.220	ug/L	84
6) Bromomethane	1.64	94	6827	2.678	ug/L	91
8) Chloroethane	1.71	64	6159	2.191	ug/L	95
9) Trichlorofluoromethane	1.92	101	17031	2.108	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	9023m	2.054	ug/L	
12) 1,1-Dichloroethene	2.36	96	9635m	2.338	ug/L	
13) Acetone	2.43	43	8471	3.992	ug/L	90
14) Carbon disulfide	2.55	76	28816	2.299	ug/L	99
15) Methyl Acetate	2.76	43	9114	2.024	ug/L #	89
16) Methylene chloride	2.83	84	11213	2.483	ug/L	93
17) trans-1,2-Dichloroethene	3.14	96	9097	2.097	ug/L	92
18) Methyl tert-butyl Ether	3.17	73	28042	2.007	ug/L	98
19) 1,1-Dichloroethane	3.67	63	17893	2.219	ug/L	97
20) cis-1,2-Dichloroethene	4.57	96	10741m	2.265	ug/L	
22) 2-Butanone	4.64	43	11306m	3.509	ug/L	

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	5971m	2.288	ug/L		
25) Chloroform	5.17	83	19180	2.128	ug/L		100
27) 1,2-Dichloroethane	6.17	62	14244	1.974	ug/L	#	94
29) Cyclohexane	5.54	56	13694m	1.967	ug/L		
30) 1,1,1-Trichloroethane	5.45	97	17264m	2.024	ug/L		
31) Carbon tetrachloride	5.75	117	14588	1.894	ug/L		94
33) Benzene	6.11	78	34795	1.954	ug/L		100
34) Trichloroethene	7.19	95	10411	2.096	ug/L		85
35) Methylcyclohexane	7.44	83	12789	1.772	ug/L	#	86
37) 1,2-Dichloropropane	7.49	63	10472	2.229	ug/L		99
38) Bromodichloromethane	7.87	83	13678	2.028	ug/L		92
39) cis-1,3-Dichloropropene	8.41	75	16134	2.127	ug/L		91
40) 4-Methyl-2-pentanone	8.62	43	20292	3.256	ug/L		97
42) Toluene	8.76	91	37772	1.975	ug/L		90
44) trans-1,3-Dichloropropene	9.02	75	13913	1.803	ug/L		100
45) 1,1,2-Trichloroethane	9.20	97	9261	2.035	ug/L		93
46) Tetrachloroethene	9.32	164	8409	2.057	ug/L		88
48) 2-Hexanone	9.48	43	15498	3.157	ug/L	#	92
49) Dibromochloromethane	9.57	129	11414	1.990	ug/L		96
50) 1,2-Dibromoethane	9.65	107	9780	1.954	ug/L	#	100
51) Chlorobenzene	10.12	112	26785	2.085	ug/L		97
52) Ethylbenzene	10.23	91	38760	1.819	ug/L		95
53) m,p-Xylene	10.34	106	13799	1.700	ug/L		87
54) o-Xylene	10.68	106	13881	1.776	ug/L		71
55) Styrene	10.70	104	22348	1.661	ug/L		96
57) 1,1,2,2-Tetrachloroethane	11.25	83	12395	1.780	ug/L		87
59) Bromoform	10.84	173	7739	1.920	ug/L	#	98
60) Isopropylbenzene	11.00	105	36043	1.843	ug/L		99
61) 1,2,3-Trichloropropane	11.27	75	10938	1.983	ug/L		98
62) 1,3,5-Trimethylbenzene	11.49	105	27570	1.707	ug/L		98
63) 1,2,4-Trimethylbenzene	11.79	105	25842	1.571	ug/L		97
64) 1,3-Dichlorobenzene	12.01	146	20481	2.120	ug/L		96
65) 1,4-Dichlorobenzene	12.08	146	21020	2.155	ug/L		94
67) 1,2-Dichlorobenzene	12.38	146	20312	2.184	ug/L		97
68) 1,2-Dibromo-3-chloropropan	12.99	75	3663	2.264	ug/L		90
69) 1,3,5-Trichlorobenzene	13.15	180	13858	2.163	ug/L		88
70) 1,2,4-trichlorobenzene	13.63	180	10718	1.822	ug/L		97
71) Naphthalene	13.82	128	29379	1.600	ug/L		99
72) 1,2,3-Trichlorobenzene	14.01	180	11770	1.996	ug/L		90

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

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