Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090220\
Data File : VX018214.D
Acq On : 02 Sep 2020 14:42
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
9/3/2020 9:53:51 AM

Quant Time: Sep 03 05:14:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXLM090220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 03 04:54:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	695838	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	660630	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	304947	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	264033	47.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.04%			
7) Chloroethane-d5	1.70	69	203343	48.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.28%			
11) 1,1-Dichloroethene-d2	2.34	63	409599	37.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.92%			
21) 2-Butanone-d5	4.53	46	371729	95.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.63%			
24) Chloroform-d	5.15	84	512337	50.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.16%			
26) 1,2-Dichloroethane-d4	6.03	65	364919	47.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.50%			
32) Benzene-d6	6.05	84	984651	50.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.34%			
36) 1,2-Dichloropropane-d6	7.37	67	316892	51.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.72%			
41) Toluene-d8	8.70	98	917272	48.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.36%			
43) trans-1,3-Dichloropropene-	8.99	79	163171	47.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.82%			
47) 2-Hexanone-d5	9.43	63	273384	100.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.00%			
57) 1,1,2,2-Tetrachloroethane-	11.23	84	397621	47.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	12.36	152	346185	52.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	10037	1.696	ug/L	92
3) Chloromethane	1.31	50	9852m	1.817	ug/L	
5) Vinyl chloride	1.39	62	10695m	1.984	ug/L	
6) Bromomethane	1.64	94	7376	2.392	ug/L	95
9) Trichlorofluoromethane	1.92	101	15272	1.707	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	11909m	2.448	ug/L	
12) 1,1-Dichloroethene	2.36	96	11939m	2.608	ug/L	
13) Acetone	2.43	43	9176	4.142	ug/L	92
14) Carbon disulfide	2.55	76	28190	1.944	ug/L	98
15) Methyl Acetate	2.75	43	10145m	1.863	ug/L	
16) Methylene chloride	2.84	84	12070	2.326	ug/L	90
17) trans-1,2-Dichloroethene	3.15	96	9203	1.875	ug/L	97
18) Methyl tert-butyl Ether	3.17	73	25556	1.667	ug/L	95
19) 1,1-Dichloroethane	3.67	63	17500	1.902	ug/L	92
20) cis-1,2-Dichloroethene	4.57	96	10315m	1.966	ug/L	
22) 2-Butanone	4.65	43	13164m	3.623	ug/L	
23) Bromochloromethane	4.98	128	5514m	1.877	ug/L	

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Quant Time: Sep 03 05:14:42 2020
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Quant Title : VOC Analysis
QLast Update : Thu Sep 03 04:54:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	5.18	83	37555	3.568	ug/L		98
27) 1,2-Dichloroethane	6.17	62	14550	1.825	ug/L		98
29) Cyclohexane	5.55	56	12900	1.774	ug/L	#	77
30) 1,1,1-Trichloroethane	5.46	97	17132	1.888	ug/L		97
31) Carbon tetrachloride	5.76	117	15316	1.854	ug/L		98
33) Benzene	6.11	78	36050	1.886	ug/L		100
34) Trichloroethene	7.19	95	9760	1.819	ug/L		91
35) Methylcyclohexane	7.45	83	11552	1.549	ug/L		92
37) 1,2-Dichloropropane	7.49	63	9400	1.857	ug/L		98
38) Bromodichloromethane	7.88	83	13663	1.895	ug/L		98
39) cis-1,3-Dichloropropene	8.42	75	14652	1.856	ug/L		98
40) 4-Methyl-2-pentanone	8.62	43	22602	3.293	ug/L		99
42) Toluene	8.77	91	37488	1.827	ug/L		100
44) trans-1,3-Dichloropropene	9.02	75	13920	1.676	ug/L		98
45) 1,1,2-Trichloroethane	9.20	97	9913	1.951	ug/L		98
46) Tetrachloroethene	9.32	164	7722	1.806	ug/L		86
48) 2-Hexanone	9.47	43	18159	3.273	ug/L	#	94
49) Dibromochloromethane	9.57	129	11034	1.772	ug/L		94
50) 1,2-Dibromoethane	9.65	107	11341m	2.108	ug/L		
51) Chlorobenzene	10.12	112	24061	1.722	ug/L		97
52) Ethylbenzene	10.23	91	36871	1.612	ug/L		99
53) m,p-Xylene	10.34	106	13746	1.573	ug/L		97
54) o-xylene	10.68	106	13151	1.577	ug/L		83
55) Styrene	10.70	104	20727	1.439	ug/L		94
56) Isopropylbenzene	11.01	105	31329	1.404	ug/L		97
58) 1,1,2,2-Tetrachloroethane	11.25	83	14833	1.988	ug/L	#	90
59) 1,2,3-Trichloropropane	11.28	75	10841	1.676	ug/L		100
61) Bromoform	10.84	173	7926	1.833	ug/L		99
62) 1,3-Dichlorobenzene	12.01	146	18191	1.816	ug/L		94
63) 1,4-Dichlorobenzene	12.08	146	18286	1.793	ug/L		93
65) 1,2-Dichlorobenzene	12.38	146	18618	1.930	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.98	75	3104	1.720	ug/L	#	82
67) 1,3,5-Trichlorobenzene	13.15	180	11551	1.767	ug/L		99
68) 1,2,4-trichlorobenzene	13.63	180	9818	1.628	ug/L		88
69) Naphthalene	13.82	128	26508	1.390	ug/L	#	93
70) 1,2,3-Trichlorobenzene	14.01	180	9752	1.617	ug/L		94

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

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