Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090220\
Data File : VX018219.D
Acq On : 02 Sep 2020 16:34
Operator : JC/SP
Sample : MDL07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
9/3/2020 9:54:17 AM

Quant Time: Sep 03 05:58:29 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	662597	50.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	634834	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	295769	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	238995	44.70	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.40%				
7) Chloroethane-d5	1.70	69	186391	46.34	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.68%				
11) 1,1-Dichloroethene-d2	2.34	63	379278	36.91	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.82%				
21) 2-Butanone-d5	4.54	46	355890	96.15	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.15%				
24) Chloroform-d	5.14	84	465369	47.77	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.54%				
26) 1,2-Dichloroethane-d4	6.03	65	340741	46.83	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.66%				
32) Benzene-d6	6.05	84	929439	49.29	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.58%				
36) 1,2-Dichloropropane-d6	7.37	67	297812	50.23	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.46%				
41) Toluene-d8	8.70	98	850607	46.49	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.98%				
43) trans-1,3-Dichloropropene-	8.99	79	160713	48.60	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.20%				
47) 2-Hexanone-d5	9.43	63	261756	99.64	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.64%				
57) 1,1,2,2-Tetrachloroethane-	11.23	84	386493	48.35	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.70%				
64) 1,2-Dichlorobenzene-d4	12.36	152	322402	50.18	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.36%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	11509	2.042	ug/L		96
3) Chloromethane	1.31	50	10994	2.129	ug/L		99
5) Vinyl chloride	1.39	62	11279m	2.197	ug/L		
6) Bromomethane	1.64	94	6730	2.292	ug/L		94
8) Chloroethane	1.72	64	6574	2.178	ug/L		95
9) Trichlorofluoromethane	1.92	101	18100	2.124	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	12605	2.721	ug/L	#	81
12) 1,1-Dichloroethene	2.36	96	11855m	2.719	ug/L		
13) Acetone	2.43	43	10157	4.814	ug/L		85
14) Carbon disulfide	2.55	76	28857	2.090	ug/L		98
15) Methyl Acetate	2.75	43	9670	1.865	ug/L	#	80
16) Methylene chloride	2.84	84	13353	2.702	ug/L		91
17) trans-1,2-Dichloroethene	3.15	96	8997	1.925	ug/L		95
18) Methyl tert-butyl Ether	3.17	73	28581	1.958	ug/L		98
19) 1,1-Dichloroethane	3.68	63	16796	1.917	ug/L	#	96
20) cis-1,2-Dichloroethene	4.56	96	11195	2.240	ug/L	#	97
22) 2-Butanone	4.65	43	16244	4.695	ug/L		79

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	6130	2.192	ug/L		83
25) Chloroform	5.18	83	45027	4.492	ug/L		93
27) 1,2-Dichloroethane	6.17	62	16861m	2.220	ug/L		
29) Cyclohexane	5.56	56	13761m	1.970	ug/L		
30) 1,1,1-Trichloroethane	5.47	97	17640	2.023	ug/L	#	87
31) Carbon tetrachloride	5.76	117	16932	2.133	ug/L		99
33) Benzene	6.12	78	37719	2.054	ug/L		100
34) Trichloroethene	7.20	95	11734	2.276	ug/L		86
35) Methylcyclohexane	7.45	83	13847	1.932	ug/L	#	71
37) 1,2-Dichloropropane	7.49	63	9763	2.007	ug/L	#	97
38) Bromodichloromethane	7.88	83	14453	2.086	ug/L		93
39) cis-1,3-Dichloropropene	8.42	75	16898	2.228	ug/L		98
40) 4-Methyl-2-pentanone	8.62	43	23747	3.601	ug/L		98
42) Toluene	8.76	91	41025	2.081	ug/L		99
44) trans-1,3-Dichloropropene	9.02	75	15698	1.967	ug/L		95
45) 1,1,2-Trichloroethane	9.20	97	10165	2.082	ug/L		95
46) Tetrachloroethene	9.32	164	8613	2.096	ug/L		84
48) 2-Hexanone	9.48	43	20057	3.762	ug/L		95
49) Dibromochloromethane	9.57	129	11805	1.973	ug/L		96
50) 1,2-Dibromoethane	9.65	107	11080	2.143	ug/L		83
51) Chlorobenzene	10.12	112	27125	2.020	ug/L		96
52) Ethylbenzene	10.24	91	40175	1.828	ug/L		95
53) m,p-Xylene	10.34	106	14606	1.740	ug/L		88
54) o-xylene	10.68	106	14046	1.753	ug/L		98
55) Styrene	10.70	104	22020	1.591	ug/L		84
56) Isopropylbenzene	11.01	105	35021	1.634	ug/L		98
58) 1,1,2,2-Tetrachloroethane	11.25	83	15942	2.223	ug/L	#	81
59) 1,2,3-Trichloropropane	11.28	75	12662	2.038	ug/L		98
61) Bromoform	10.84	173	8057	1.921	ug/L	#	96
62) 1,3-Dichlorobenzene	12.01	146	19037	1.960	ug/L		88
63) 1,4-Dichlorobenzene	12.08	146	19554	1.977	ug/L		95
65) 1,2-Dichlorobenzene	12.38	146	20781	2.221	ug/L		92
66) 1,2-Dibromo-3-chloropropan	12.98	75	4010	2.291	ug/L	#	68
67) 1,3,5-Trichlorobenzene	13.15	180	12718	2.006	ug/L		93
68) 1,2,4-trichlorobenzene	13.63	180	11499	1.966	ug/L		98
69) Naphthalene	13.82	128	30738	1.662	ug/L		95
70) 1,2,3-Trichlorobenzene	14.00	180	11463	1.959	ug/L		93

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

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