Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072120\
Data File : VX017458.D
Acq On : 21 Jul 2020 16:46
Operator : JC/SP
Sample : MDL04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 22 06:47:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 06:14:00 2020
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : MDL04

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	373550	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	353769	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	163073	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	124386	4.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.60%			
7) Chloroethane-d5	1.69	69	89265	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.34	63	185043	3.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.40%			
20) 2-Butanone-d5	4.53	46	260909	48.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.14%			
24) Chloroform-d	5.14	84	228397	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	6.03	65	124029	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
32) Benzene-d6	6.05	84	436223	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	7.37	67	132633	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	8.70	98	395777	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
45) trans-1,3-Dichloropropene-	8.99	79	55061	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
48) 2-Hexanone-d5	9.43	63	194909	49.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.16%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	89807	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%			
65) 1,2-Dichlorobenzene-d4	12.36	152	144322	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	9258	0.225	ug/L	91
3) Chloromethane	1.31	50	8595	0.225	ug/L	85
5) Vinyl chloride	1.39	62	8465	0.232	ug/L #	64
6) Bromomethane	1.63	94	5617	0.284	ug/L	92
8) Chloroethane	1.72	64	4788m	0.239	ug/L	
9) Trichlorofluoromethane	1.92	101	12056	0.230	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	7547	0.266	ug/L	95
12) 1,1-Dichloroethene	2.36	96	7957	0.301	ug/L #	1
13) Acetone	2.42	43	11676	2.666	ug/L	94
14) Carbon disulfide	2.55	76	21109	0.235	ug/L #	94
15) Methyl Acetate	2.75	43	3853	0.302	ug/L	96
16) Methylene chloride	2.83	84	14210	0.391	ug/L	94
17) Methyl tert-butyl Ether	3.17	73	15448	0.245	ug/L #	90
18) trans-1,2-Dichloroethene	3.14	96	7509	0.267	ug/L #	67
19) 1,1-Dichloroethane	3.67	63	12609	0.254	ug/L	97
21) 2-Butanone	4.64	43	16527	2.369	ug/L	95
22) cis-1,2-Dichloroethene	4.56	96	7069	0.254	ug/L #	97

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.00	128	3902	0.291 ug/L		75
25) Chloroform	5.17	83	16858	0.324 ug/L		99
27) 1,2-Dichloroethane	6.16	62	8131	0.243 ug/L		99
29) 1,1,1-Trichloroethane	5.46	97	12054	0.254 ug/L		93
30) Cyclohexane	5.54	56	9913	0.258 ug/L		91
31) Carbon tetrachloride	5.75	117	10156	0.237 ug/L		93
33) Benzene	6.11	78	26094	0.250 ug/L		100
34) Trichloroethene	7.18	95	7935	0.282 ug/L		89
35) Methylcyclohexane	7.43	83	9462	0.249 ug/L		97
37) 1,2-Dichloropropane	7.50	63	7139	0.273 ug/L		98
38) Bromodichloromethane	7.87	83	8888	0.253 ug/L		98
39) cis-1,3-Dichloropropene	8.42	75	8295	0.219 ug/L		99
40) 4-Methyl-2-pentanone	8.62	43	32528	2.124 ug/L	#	93
42) Toluene	8.77	91	24857	0.238 ug/L		96
43) 1,3,5-Trimethylbenzene	11.49	105	18112	0.186 ug/L		98
44) 1,2,4-Trimethylbenzene	11.79	105	16348	0.170 ug/L		94
46) trans-1,3-Dichloropropene	9.02	75	7571m	0.232 ug/L		
47) 1,1,2-Trichloroethane	9.20	97	4916	0.274 ug/L		88
49) Tetrachloroethene	9.31	164	5807	0.254 ug/L		86
50) 2-Hexanone	9.48	43	25761	2.304 ug/L	#	89
51) Dibromochloromethane	9.57	129	6297	0.256 ug/L		83
52) 1,2-Dibromoethane	9.65	107	4996	0.281 ug/L	#	85
53) Chlorobenzene	10.12	112	18372	0.258 ug/L		96
54) Ethylbenzene	10.24	91	26750	0.236 ug/L		91
55) m,p-xylene	10.35	106	9375	0.207 ug/L		75
56) o-xylene	10.68	106	10372	0.236 ug/L		89
57) Styrene	10.70	104	14447	0.198 ug/L		96
58) Isopropylbenzene	11.00	105	23893	0.211 ug/L		98
60) 1,1,2,2-Tetrachloroethane	11.26	83	5172	0.243 ug/L	#	85
62) Bromoform	10.84	173	3689	0.282 ug/L	#	88
63) 1,3-Dichlorobenzene	12.01	146	13507	0.257 ug/L		92
64) 1,4-Dichlorobenzene	12.09	146	13287	0.257 ug/L		92
66) 1,2-Dichlorobenzene	12.38	146	12862	0.265 ug/L		96
67) 1,2-Dibromo-3-chloropropan	12.99	75	1581	0.369 ug/L	#	74
68) 1,3,5-Trichlorobenzene	13.15	180	9952	0.225 ug/L		86
69) 1,2,4-trichlorobenzene	13.63	180	7598	0.235 ug/L	#	93
70) Naphthalene	13.82	128	12108	0.214 ug/L	#	89
71) 1,2,3-Trichlorobenzene	14.00	180	6653	0.223 ug/L	#	89

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

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