Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073119\
Data File : VV012088.D
Acq On : 30 Jul 2019 23:33
Operator : SY/MD
Sample : MDL05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMdadoda
8/1/2019 9:58:33 AM

Quant Time: Jul 31 08:38:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	116213	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	113420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	59489	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24842	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.58	69	19770	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.13	63	41598	3.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.20%			
20) 2-Butanone-d5	3.97	46	80746	53.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.62%			
24) Chloroform-d	4.40	84	68619	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.09	65	41306	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.10	84	136166	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.12	67	37577	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.36	98	127084	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	7.66	79	16140	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.14	63	63375	52.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.80%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28588	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	52667	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3753	0.291	ug/L	95
3) Chloromethane	1.25	50	1946	0.316	ug/L	99
5) Vinyl chloride	1.32	62	1953	0.290	ug/L #	67
6) Bromomethane	1.54	94	1310	0.314	ug/L	95
8) Chloroethane	1.60	64	1386	0.370	ug/L	90
9) Trichlorofluoromethane	1.77	101	4272	0.327	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2285	0.411	ug/L #	85
12) 1,1-Dichloroethene	2.14	96	1925	0.377	ug/L #	1
13) Acetone	2.24	43	3054m	3.962	ug/L	
14) Carbon disulfide	2.32	76	4294	0.308	ug/L	98
15) Methyl Acetate	2.47	43	686m	0.392	ug/L	
16) Methylene chloride	2.54	84	2374	0.448	ug/L	92
17) Methyl tert-butyl Ether	2.81	73	5201	0.307	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	2393	0.315	ug/L	98
19) 1,1-Dichloroethane	3.23	63	4121	0.305	ug/L	91
21) 2-Butanone	4.06	43	5862m	3.835	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	2431	0.298	ug/L	83

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	1058	0.289 ug/L	#	78
25) Chloroform	4.43	83	11477	0.654 ug/L		96
27) 1,2-Dichloroethane	5.19	62	3230	0.334 ug/L	#	75
29) 1,1,1-Trichloroethane	4.66	97	4442	0.301 ug/L		95
30) Cyclohexane	4.72	56	3158	0.281 ug/L	#	89
31) Carbon tetrachloride	4.88	117	3836	0.290 ug/L		97
33) Benzene	5.15	78	9214m	0.306 ug/L		
34) Trichloroethene	5.96	95	2555	0.295 ug/L		84
35) Methylcyclohexane	6.17	83	3784	0.288 ug/L		98
37) 1,2-Dichloropropane	6.22	63	2158	0.310 ug/L	#	82
38) Bromodichloromethane	6.56	83	3179	0.311 ug/L	#	88
39) cis-1,3-Dichloropropene	7.08	75	3422m	0.316 ug/L		
40) 4-Methyl-2-pentanone	7.28	43	11925	3.151 ug/L	#	84
42) Toluene	7.43	91	10200	0.310 ug/L		90
44) trans-1,3-Dichloropropene	7.70	75	2437	0.279 ug/L		94
45) 1,1,2-Trichloroethane	7.88	97	1574	0.304 ug/L		91
47) Tetrachloroethene	8.02	164	2443	0.310 ug/L		83
48) 2-Hexanone	8.19	43	8653	3.287 ug/L		91
49) Dibromochloromethane	8.29	129	2021	0.300 ug/L		95
50) 1,2-Dibromoethane	8.40	107	1523	0.307 ug/L	#	82
51) Chlorobenzene	8.93	112	6938	0.311 ug/L		96
52) Ethylbenzene	9.05	91	10934	0.289 ug/L		99
53) m,p-xylene	9.19	106	3752	0.258 ug/L		92
54) o-xylene	9.59	106	4255	0.306 ug/L		82
55) Styrene	9.60	104	6093	0.258 ug/L		80
56) Isopropylbenzene	9.97	105	10786	0.280 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	2053	0.359 ug/L	#	85
59) 1,2,3-Trichloropropane	10.32	75	1459	0.337 ug/L	#	85
61) Bromoform	9.77	173	1142	0.323 ug/L	#	92
62) 1,3-Dichlorobenzene	11.23	146	5855	0.319 ug/L		97
63) 1,4-Dichlorobenzene	11.32	146	6110	0.326 ug/L		97
65) 1,2-Dichlorobenzene	11.69	146	5609	0.338 ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.48	75	370	0.416 ug/L	#	68
67) 1,3,5-Trichlorobenzene	12.69	180	4834	0.322 ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	3730	0.308 ug/L		97
69) Naphthalene	13.55	128	4532	0.278 ug/L	#	96
70) 1,2,3-Trichlorobenzene	13.79	180	3519	0.326 ug/L		96

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

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