Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073119\
Data File : VV012086.D
Acq On : 30 Jul 2019 22:42
Operator : SY/MD
Sample : MDL03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMdadoda
8/1/2019 9:58:21 AM

Quant Time: Jul 31 06:35:59 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	113111	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	110269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54670	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25360	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.58	69	20271	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.13	63	42336	3.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.40%			
20) 2-Butanone-d5	3.97	46	72733	49.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.66%			
24) Chloroform-d	4.40	84	71709	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	5.08	65	40513	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.10	84	138336	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.12	67	38408	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.36	98	128459	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
43) trans-1,3-Dichloropropene-	7.67	79	15307	4.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.80%			
46) 2-Hexanone-d5	8.14	63	57832	49.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.30%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27633	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	52326	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4058	0.324	ug/L	100
3) Chloromethane	1.25	50	1888	0.315	ug/L	99
5) Vinyl chloride	1.32	62	2153	0.329	ug/L #	67
6) Bromomethane	1.54	94	1208	0.298	ug/L	85
8) Chloroethane	1.60	64	1272	0.349	ug/L	95
9) Trichlorofluoromethane	1.77	101	4047	0.319	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2051	0.379	ug/L #	87
12) 1,1-Dichloroethene	2.14	96	1851	0.373	ug/L #	1
13) Acetone	2.24	43	2313m	3.083	ug/L	
14) Carbon disulfide	2.32	76	4318	0.318	ug/L	97
15) Methyl Acetate	2.48	43	775m	0.455	ug/L	
16) Methylene chloride	2.53	84	2036	0.395	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	4726	0.286	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	2510	0.340	ug/L	77
19) 1,1-Dichloroethane	3.23	63	3925	0.298	ug/L	98
21) 2-Butanone	4.06	43	4804m	3.229	ug/L	
22) cis-1,2-Dichloroethene	3.97	96	2313	0.291	ug/L	100

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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	4.30	128	1093m	0.307 ug/L		
25) Chloroform	4.43	83	10300	0.603 ug/L		94
27) 1,2-Dichloroethane	5.19	62	3103	0.330 ug/L		97
29) 1,1,1-Trichloroethane	4.66	97	4208	0.294 ug/L		94
30) Cyclohexane	4.72	56	3142	0.288 ug/L		99
31) Carbon tetrachloride	4.88	117	3542	0.276 ug/L		97
33) Benzene	5.15	78	9280	0.317 ug/L		100
34) Trichloroethene	5.96	95	2560	0.304 ug/L		92
35) Methylcyclohexane	6.17	83	3573	0.280 ug/L		97
37) 1,2-Dichloropropane	6.22	63	2107	0.312 ug/L	#	85
38) Bromodichloromethane	6.56	83	3168	0.319 ug/L	#	83
39) cis-1,3-Dichloropropene	7.07	75	2971	0.282 ug/L	#	81
40) 4-Methyl-2-pentanone	7.28	43	9688	2.633 ug/L	#	84
42) Toluene	7.43	91	9574	0.300 ug/L		94
44) trans-1,3-Dichloropropene	7.69	75	2544	0.300 ug/L		97
45) 1,1,2-Trichloroethane	7.89	97	1562	0.310 ug/L		87
47) Tetrachloroethene	8.02	164	2060	0.269 ug/L		95
48) 2-Hexanone	8.19	43	8180	3.196 ug/L		96
49) Dibromochloromethane	8.29	129	1971	0.301 ug/L		86
50) 1,2-Dibromoethane	8.40	107	1420	0.294 ug/L	#	92
51) Chlorobenzene	8.93	112	6797	0.314 ug/L		96
52) Ethylbenzene	9.05	91	10388	0.282 ug/L		93
53) m,p-xylene	9.18	106	3901	0.276 ug/L		79
54) o-xylene	9.59	106	3748	0.277 ug/L		90
55) Styrene	9.61	104	6155	0.268 ug/L		97
56) Isopropylbenzene	9.97	105	9561	0.255 ug/L	#	96
58) 1,1,2,2-Tetrachloroethane	10.28	83	1699	0.305 ug/L	#	96
59) 1,2,3-Trichloropropane	10.32	75	1475	0.351 ug/L		96
61) Bromoform	9.78	173	1018	0.313 ug/L	#	83
62) 1,3-Dichlorobenzene	11.23	146	5534	0.328 ug/L		98
63) 1,4-Dichlorobenzene	11.32	146	5997	0.349 ug/L		96
65) 1,2-Dichlorobenzene	11.69	146	5437	0.357 ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.48	75	279	0.341 ug/L		89
67) 1,3,5-Trichlorobenzene	12.69	180	4788	0.347 ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	3475	0.312 ug/L		96
69) Naphthalene	13.56	128	4345	0.290 ug/L		98
70) 1,2,3-Trichlorobenzene	13.79	180	3119	0.314 ug/L		97

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

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