Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072919\
Data File : VV012064.D
Acq On : 29 Jul 2019 15:59
Operator : SY/MD
Sample : MDL02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
7/30/2019 10:58:20 AM

Quant Time: Jul 30 08:59:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 30 08:46:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	140875	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134974	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	67855	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40082	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.59	69	29411	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.20%			
11) 1,1-Dichloroethene-d2	2.13	63	59860	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.80%			
20) 2-Butanone-d5	3.97	46	99490	54.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.88%			
24) Chloroform-d	4.40	84	88970	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
26) 1,2-Dichloroethane-d4	5.08	65	51392	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.20%			
32) Benzene-d6	5.10	84	191166	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.40%			
36) 1,2-Dichloropropane-d6	6.12	67	53773	5.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.20%			
41) Toluene-d8	7.36	98	174717	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	7.67	79	21517	5.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.60%			
46) 2-Hexanone-d5	8.14	63	78615	53.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.94%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	37742	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
66) 1,2-Dichlorobenzene-d4	11.67	152	69543	5.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4099	0.255	ug/L	98
3) Chloromethane	1.25	50	2640	0.287	ug/L	95
5) Vinyl chloride	1.32	62	2390	0.254	ug/L #	46
6) Bromomethane	1.54	94	1326	0.236	ug/L	98
8) Chloroethane	1.60	64	1390	0.272	ug/L	95
9) Trichlorofluoromethane	1.77	101	3798	0.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2180	0.312	ug/L #	85
12) 1,1-Dichloroethene	2.15	96	2082	0.322	ug/L #	1
13) Acetone	2.22	43	2977m	2.987	ug/L	
14) Carbon disulfide	2.32	76	4733	0.262	ug/L #	87
15) Methyl Acetate	2.47	43	540m	0.264	ug/L	
16) Methylene chloride	2.53	84	2151	0.324	ug/L	92
17) Methyl tert-butyl Ether	2.81	73	5057	0.249	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	2732	0.293	ug/L	88
19) 1,1-Dichloroethane	3.23	63	3973	0.238	ug/L	95
21) 2-Butanone	4.07	43	5882m	2.992	ug/L	
22) cis-1,2-Dichloroethene	3.97	96	2629m	0.265	ug/L	

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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	4.30	128	1114m	0.256 ug/L		
25) Chloroform	4.43	83	14463	0.692 ug/L		95
27) 1,2-Dichloroethane	5.19	62	3282	0.284 ug/L		97
29) 1,1,1-Trichloroethane	4.66	97	4383	0.263 ug/L		96
30) Cyclohexane	4.72	56	3870	0.271 ug/L		89
31) Carbon tetrachloride	4.87	117	3486	0.232 ug/L		99
33) Benzene	5.15	78	9710	0.265 ug/L		100
34) Trichloroethene	5.96	95	2672	0.256 ug/L		93
35) Methylcyclohexane	6.17	83	4232	0.258 ug/L		92
37) 1,2-Dichloropropane	6.22	63	2311	0.272 ug/L	#	86
38) Bromodichloromethane	6.56	83	3198	0.267 ug/L		89
39) cis-1,3-Dichloropropene	7.07	75	3546	0.267 ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	10813	2.260 ug/L	#	85
42) Toluene	7.43	91	10071	0.247 ug/L		99
44) trans-1,3-Dichloropropene	7.70	75	2511	0.234 ug/L		88
45) 1,1,2-Trichloroethane	7.89	97	1779	0.275 ug/L		85
47) Tetrachloroethene	8.02	164	2801	0.307 ug/L		85
48) 2-Hexanone	8.19	43	9540	2.821 ug/L		95
49) Dibromochloromethane	8.29	129	1934	0.244 ug/L		87
50) 1,2-Dibromoethane	8.40	107	1610	0.266 ug/L	#	97
51) Chlorobenzene	8.93	112	6930	0.254 ug/L		96
52) Ethylbenzene	9.05	91	11468	0.247 ug/L		96
53) m,p-xylene	9.18	106	4345	0.245 ug/L		96
54) o-xylene	9.59	106	3963	0.236 ug/L		93
55) Styrene	9.60	104	5648	0.200 ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.29	83	1940	0.279 ug/L	#	97
59) Bromoform	9.77	173	1048	0.255 ug/L	#	94
60) Isopropylbenzene	9.97	105	10610	0.245 ug/L		99
61) 1,2,3-Trichloropropane	10.32	75	1186	0.240 ug/L	#	89
62) 1,3,5-Trimethylbenzene	10.58	105	7771	0.217 ug/L		94
63) 1,2,4-Trimethylbenzene	10.96	105	7780	0.219 ug/L		99
64) 1,3-Dichlorobenzene	11.23	146	5911	0.274 ug/L		97
65) 1,4-Dichlorobenzene	11.32	146	6084	0.276 ug/L		95
67) 1,2-Dichlorobenzene	11.69	146	5576	0.284 ug/L		96
68) 1,2-Dibromo-3-chloropropan	12.48	75	239	0.234 ug/L		86
69) 1,3,5-Trichlorobenzene	12.69	180	5078	0.284 ug/L		88
70) 1,2,4-trichlorobenzene	13.31	180	3903	0.276 ug/L	#	89
71) Naphthalene	13.56	128	4899	0.250 ug/L		96
72) 1,2,3-Trichlorobenzene	13.80	180	3094	0.247 ug/L		98

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

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