Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072320\
Data File : VV017606.D
Acq On : 23 Jul 2020 16:15
Operator : SY/MD
Sample : MDL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

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7/24/2020 7:04:35 PM

Quant Time: Jul 24 11:53:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 01:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	190316	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	185477	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	93271	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	43005	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.58	69	34344	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.12	63	70056	3.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%			
20) 2-Butanone-d5	3.95	46	99458	45.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.50%			
24) Chloroform-d	4.37	84	104418	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.06	65	56644	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.07	84	195960	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.09	67	53652	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.33	98	180817	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
45) trans-1,3-Dichloropropene-	7.64	79	23539	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
48) 2-Hexanone-d5	8.11	63	71787	44.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.94%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37502	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	71060	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	5101	0.245	ug/L	91
3) Chloromethane	1.25	50	3593	0.265	ug/L	98
5) Vinyl chloride	1.32	62	3797m	0.279	ug/L	
6) Bromomethane	1.53	94	2447	0.280	ug/L	91
8) Chloroethane	1.59	64	2466	0.314	ug/L	99
9) Trichlorofluoromethane	1.76	101	6354	0.261	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3738	0.329	ug/L	96
12) 1,1-Dichloroethene	2.13	96	3572	0.349	ug/L #	1
13) Acetone	2.22	43	5847m	3.436	ug/L	
14) Carbon disulfide	2.31	76	8800	0.282	ug/L #	86
16) Methylene chloride	2.52	84	5602	0.491	ug/L	90
17) Methyl tert-butyl Ether	2.79	73	7163	0.273	ug/L #	61
18) trans-1,2-Dichloroethene	2.78	96	3220	0.288	ug/L	82
19) 1,1-Dichloroethane	3.20	63	6747	0.287	ug/L	94
21) 2-Butanone	4.05	43	7645m	2.660	ug/L	
22) cis-1,2-Dichloroethene	3.93	96	3608	0.257	ug/L	99
23) Bromochloromethane	4.27	128	1744	0.269	ug/L #	90

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
25) Chloroform	4.40	83	7307	0.277 ug/L		87
27) 1,2-Dichloroethane	5.16	62	4924	0.288 ug/L	#	92
29) 1,1,1-Trichloroethane	4.62	97	6216	0.240 ug/L	#	74
30) Cyclohexane	4.69	56	5084	0.247 ug/L		98
31) Carbon tetrachloride	4.85	117	5558	0.241 ug/L		96
33) Benzene	5.13	78	12759	0.243 ug/L		100
34) Trichloroethene	5.94	95	4375	0.298 ug/L		79
35) Methylcyclohexane	6.15	83	5029	0.227 ug/L		98
37) 1,2-Dichloropropane	6.21	63	3450	0.280 ug/L	#	94
38) Bromodichloromethane	6.54	83	4475	0.247 ug/L	#	98
39) cis-1,3-Dichloropropene	7.05	75	5169	0.278 ug/L		96
40) 4-Methyl-2-pentanone	7.26	43	15238	2.252 ug/L	#	87
42) Toluene	7.41	91	14892	0.260 ug/L		100
43) 1,3,5-Trimethylbenzene	10.56	105	10869	0.203 ug/L		99
44) 1,2,4-Trimethylbenzene	10.94	105	10897	0.199 ug/L		94
46) trans-1,3-Dichloropropene	7.68	75	3907m	0.234 ug/L		
47) 1,1,2-Trichloroethane	7.86	97	2290	0.245 ug/L		93
49) Tetrachloroethene	7.99	164	2964	0.229 ug/L		95
50) 2-Hexanone	8.17	43	16344	3.414 ug/L	#	93
51) Dibromochloromethane	8.26	129	3040	0.255 ug/L		85
52) 1,2-Dibromoethane	8.38	107	2254	0.255 ug/L	#	92
53) Chlorobenzene	8.91	112	9956	0.261 ug/L		95
54) Ethylbenzene	9.04	91	14495	0.226 ug/L		97
55) m,p-xylene	9.16	106	5076	0.210 ug/L		94
56) o-xylene	9.56	106	5343	0.228 ug/L		89
57) Styrene	9.59	104	8634	0.221 ug/L		98
58) Isopropylbenzene	9.95	105	13475	0.208 ug/L		97
60) 1,1,2,2-Tetrachloroethane	10.26	83	3032	0.297 ug/L	#	99
62) Bromoform	9.76	173	1492	0.250 ug/L	#	96
63) 1,3-Dichlorobenzene	11.21	146	8406	0.280 ug/L		90
64) 1,4-Dichlorobenzene	11.29	146	8291	0.275 ug/L		87
66) 1,2-Dichlorobenzene	11.67	146	8145	0.298 ug/L		93
67) 1,2-Dibromo-3-chloropropan	12.45	75	731	0.427 ug/L		91
68) 1,3,5-Trichlorobenzene	12.67	180	6371	0.261 ug/L		95
69) 1,2,4-trichlorobenzene	13.29	180	6136	0.301 ug/L		94
70) Naphthalene	13.53	128	6556	0.230 ug/L	#	90
71) 1,2,3-Trichlorobenzene	13.77	180	4285	0.237 ug/L	#	91

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

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