Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101419\
Data File : VN058752.D
Acq On : 14 Oct 2019 16:11
Operator : JC/SP
Sample : K5111-07 0.2PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/16/2019 12:57:03 AM

Quant Time: Oct 15 03:57:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	385740	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	645027	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	583200	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244221	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	311264	57.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.28%				
35) Dibromofluoromethane	7.58	113	217432	54.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.14%				
50) Toluene-d8	10.08	98	801701	50.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.64%				
62) 4-Bromofluorobenzene	12.41	95	276688	45.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.76%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	1149	0.239	ug/l		96
3) Chloromethane	2.04	50	1744	0.305	ug/l		96
4) Vinyl Chloride	2.17	62	1237	0.217	ug/l	#	84
5) Bromomethane	2.55	94	1181	0.341	ug/l		87
6) Chloroethane	2.69	64	976	0.278	ug/l	#	73
7) Trichlorofluoromethane	3.00	101	1536	0.226	ug/l		96
8) Diethyl Ether	3.38	74	555m	0.221	ug/l		
10) Methyl Iodide	3.93	142	1165	0.220	ug/l	#	78
11) Tert butyl alcohol	4.77	59	1276m	1.459	ug/l		
12) 1,1-Dichloroethene	3.71	96	918	0.248	ug/l	#	61
13) Acrolein	3.60	56	839m	1.193	ug/l		
14) Allyl chloride	4.30	41	2310m	0.309	ug/l		
15) Acrylonitrile	4.98	53	2606m	1.182	ug/l		
16) Acetone	3.81	43	3792	1.696	ug/l	#	86
17) Carbon Disulfide	4.02	76	3542	0.299	ug/l	#	75
18) Methyl Acetate	4.31	43	2580	0.455	ug/l	#	67
19) Methyl tert-butyl Ether	5.03	73	2955m	0.223	ug/l		
20) Methylene Chloride	4.53	84	1704m	0.365	ug/l		
21) trans-1,2-Dichloroethene	5.02	96	993m	0.240	ug/l		
22) Diisopropyl ether	5.93	45	3198m	0.220	ug/l		
23) Vinyl Acetate	5.88	43	11181	0.953	ug/l		100
24) 1,1-Dichloroethane	5.84	63	1800m	0.217	ug/l		
25) 2-Butanone	6.84	43	4148m	1.284	ug/l		
26) 2,2-Dichloropropane	6.80	77	2706	0.358	ug/l	#	59
27) cis-1,2-Dichloroethene	6.82	96	1137	0.235	ug/l		67
29) Tetrahydrofuran	7.21	42	2448m	1.172	ug/l		
30) Chloroform	7.36	83	2673m	0.321	ug/l		
31) Cyclohexane	7.65	56	10519	1.328	ug/l	#	16
32) 1,1,1-Trichloroethane	7.55	97	1546	0.218	ug/l	#	50
36) 1,1-Dichloropropene	7.78	75	1781	0.273	ug/l	#	50
37) Ethyl Acetate	6.92	43	1826m	0.277	ug/l		
38) Carbon Tetrachloride	7.75	117	1574	0.248	ug/l	#	80
39) Methylcyclohexane	9.07	83	1624	0.215	ug/l	#	84
40) Benzene	8.03	78	4515	0.241	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 1,2-Dichloroethane	8.10	62	2356m	0.327 ug/l		
43) Isopropyl Acetate	8.16	43	2712	0.241 ug/l	#	72
44) Trichloroethene	8.82	130	1133	0.244 ug/l		66
45) 1,2-Dichloropropane	9.11	63	1100	0.219 ug/l	#	45
46) Dibromomethane	9.20	93	759	0.239 ug/l	#	26
47) Bromodichloromethane	9.38	83	1571	0.243 ug/l	#	75
48) Methyl methacrylate	9.19	41	1156	0.227 ug/l	#	63
49) 1,4-Dioxane	9.20	88	296	3.757 ug/l	#	58
51) 4-Methyl-2-Pentanone	9.98	43	6420	1.017 ug/l		94
52) Toluene	10.16	92	2351	0.205 ug/l		99
53) t-1,3-Dichloropropene	10.38	75	2392	0.322 ug/l	#	1
54) cis-1,3-Dichloropropene	9.83	75	1581	0.201 ug/l	#	53
55) 1,1,2-Trichloroethane	10.56	97	1112	0.237 ug/l	#	89
57) 1,3-Dichloropropane	10.71	76	1940	0.243 ug/l		93
58) 2-Chloroethyl Vinyl ether	9.69	63	2561	0.776 ug/l	#	84
59) 2-Hexanone	10.75	43	5125	1.051 ug/l		84
64) Tetrachloroethene	10.63	164	1256	0.308 ug/l	#	85
65) Chlorobenzene	11.43	112	2817	0.238 ug/l		96
67) Ethyl Benzene	11.51	91	4938	0.234 ug/l	#	85
68) m/p-Xylenes	11.62	106	3242	0.409 ug/l		99
69) o-Xylene	11.95	106	1544	0.201 ug/l		94
71) Bromoform	12.12	173	660	0.206 ug/l	#	28
73) Isopropylbenzene	12.25	105	3988	0.225 ug/l		93
74) N-amyl acetate	12.08	43	1648	0.207 ug/l	#	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	1553	0.267 ug/l		95
76) 1,2,3-Trichloropropane	12.56	75	2267m	0.423 ug/l		
77) Bromobenzene	12.52	156	1014	0.236 ug/l		59
78) n-propylbenzene	12.60	91	4745	0.230 ug/l		98
79) 2-Chlorotoluene	12.68	91	3318	0.259 ug/l		96
80) 1,3,5-Trimethylbenzene	12.74	105	3550	0.235 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	716m	0.358 ug/l		
82) 4-Chlorotoluene	12.78	91	3205	0.244 ug/l		99
83) tert-Butylbenzene	13.00	119	2885	0.223 ug/l		98
85) sec-Butylbenzene	13.18	105	3470	0.204 ug/l		88
86) p-Isopropyltoluene	13.29	119	3178	0.205 ug/l		87
87) 1,3-Dichlorobenzene	13.28	146	1822	0.230 ug/l		97
88) 1,4-Dichlorobenzene	13.37	146	2445m	0.303 ug/l		
89) n-Butylbenzene	13.62	91	3091	0.216 ug/l		88
90) Hexachloroethane	13.88	117	618m	0.223 ug/l		
91) 1,2-Dichlorobenzene	13.67	146	2051	0.265 ug/l		92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	576	0.423 ug/l	#	26
93) 1,2,4-Trichlorobenzene	14.92	180	1165	0.247 ug/l		95
94) Hexachlorobutadiene	15.02	225	570	0.229 ug/l		92
95) Naphthalene	15.13	128	3826	0.282 ug/l	#	90
96) 1,2,3-Trichlorobenzene	15.30	180	1246	0.271 ug/l		89

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

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