Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071320\
Data File : VX017355.D
Acq On : 13 Jul 2020 16:05
Operator : JC/SP
Sample : L3216-07 .2PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
MMDadoda
7/14/2020 11:35:56 AM

Quant Time: Jul 14 03:33:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	353409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	547830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	504463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	252416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	208699	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.10%			
35) Dibromofluoromethane	5.46	113	171369	46.44	ug/l	-0.01
Spiked Amount 50.000			Recovery = 92.88%			
50) Toluene-d8	8.70	98	615551	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.48%			
62) 4-Bromofluorobenzene	11.12	95	227244	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	621	0.208	ug/l	86
3) Chloromethane	1.31	50	1087	0.323	ug/l #	82
4) Vinyl Chloride	1.39	62	813	0.244	ug/l #	85
6) Chloroethane	1.72	64	473	0.225	ug/l #	75
7) Trichlorofluoromethane	1.92	101	1141	0.203	ug/l	85
8) Diethyl Ether	2.16	74	460	0.231	ug/l	64
9) 1,1,2-Trichlorotrifluoroet	2.37	101	665	0.208	ug/l	91
12) 1,1-Dichloroethene	2.37	96	1186	0.369	ug/l #	40
14) Allyl chloride	2.70	41	1803	0.324	ug/l	96
15) Acrylonitrile	3.12	53	2495	1.377	ug/l #	88
16) Acetone	2.41	43	3023	1.910	ug/l	93
17) Carbon Disulfide	2.55	76	5083	0.542	ug/l	100
18) Methyl Acetate	2.76	43	1085	0.278	ug/l #	78
19) Methyl tert-butyl Ether	3.17	73	2513	0.230	ug/l #	75
20) Methylene Chloride	2.83	84	2344	0.607	ug/l	93
21) trans-1,2-Dichloroethene	3.13	96	1562	0.424	ug/l #	56
22) Diisopropyl ether	3.82	45	2481	0.234	ug/l #	84
23) Vinyl Acetate	3.79	43	8760	0.938	ug/l #	89
24) 1,1-Dichloroethane	3.67	63	1333	0.214	ug/l #	84
25) 2-Butanone	4.65	43	3439	1.368	ug/l #	80
26) 2,2-Dichloropropane	4.56	77	1375	0.237	ug/l #	58
27) cis-1,2-Dichloroethene	4.56	96	1299	0.322	ug/l	89
28) Bromochloromethane	4.98	49	729	0.253	ug/l #	46
29) Tetrahydrofuran	5.11	42	1981	1.218	ug/l	93
30) Chloroform	5.17	83	1430	0.213	ug/l	89
32) 1,1,1-Trichloroethane	5.44	97	1469	0.237	ug/l #	25
36) 1,1-Dichloropropene	5.78	75	1509	0.299	ug/l #	54
37) Ethyl Acetate	4.79	43	1532	0.294	ug/l #	72
39) Methylcyclohexane	7.43	83	1332	0.243	ug/l #	87
40) Benzene	6.10	78	3360	0.232	ug/l	94
41) Methacrylonitrile	5.00	41	707m	0.253	ug/l	
42) 1,2-Dichloroethane	6.15	62	1889	0.336	ug/l	86
43) Isopropyl Acetate	6.43	43	2109	0.253	ug/l #	92
44) Trichloroethene	7.18	130	1283	0.290	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,2-Dichloropropane	7.49	63	1067	0.288 ug/l #	88
46) Dibromomethane	7.64	93	694	0.260 ug/l #	82
47) Bromodichloromethane	7.87	83	1162	0.208 ug/l #	92
48) Methyl methacrylate	7.74	41	1090	0.273 ug/l #	77
49) 1,4-Dioxane	7.72	88	327	3.999 ug/l #	63
51) 4-Methyl-2-Pentanone	8.62	43	4192	0.826 ug/l	97
52) Toluene	8.76	92	1951	0.210 ug/l	93
53) t-1,3-Dichloropropene	9.02	75	1701	0.283 ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1346	0.210 ug/l #	90
55) 1,1,2-Trichloroethane	9.20	97	1086	0.280 ug/l #	70
57) 1,3-Dichloropropane	9.35	76	1480	0.230 ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	1972	0.706 ug/l	94
59) 2-Hexanone	9.47	43	2892	0.755 ug/l	99
60) Dibromochloromethane	9.56	129	1060	0.224 ug/l	77
61) 1,2-Dibromoethane	9.66	107	1046	0.248 ug/l	98
64) Tetrachloroethene	9.32	164	1199	0.275 ug/l #	79
65) Chlorobenzene	10.12	112	2632	0.257 ug/l #	77
66) 1,1,1,2-Tetrachloroethane	10.20	131	877	0.215 ug/l #	65
67) Ethyl Benzene	10.23	91	3872	0.227 ug/l	99
68) m/p-Xylenes	10.34	106	2728	0.420 ug/l	87
74) N-amyl acetate	10.88	43	1346	0.213 ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	1142	0.238 ug/l	93
76) 1,2,3-Trichloropropane	11.29	75	1226m	0.263 ug/l	
77) Bromobenzene	11.24	156	1203	0.267 ug/l	87
78) n-propylbenzene	11.34	91	4056	0.228 ug/l	95
79) 2-Chlorotoluene	11.40	91	2599	0.237 ug/l	92
82) 4-Chlorotoluene	11.49	91	3396	0.262 ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2171	0.269 ug/l	87
88) 1,4-Dichlorobenzene	12.08	146	2751m	0.338 ug/l	
89) n-Butylbenzene	12.37	91	2858	0.233 ug/l	90
91) 1,2-Dichlorobenzene	12.38	146	2014	0.266 ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	467	0.368 ug/l	68
93) 1,2,4-Trichlorobenzene	13.63	180	1708	0.325 ug/l	95
94) Hexachlorobutadiene	13.77	225	765	0.357 ug/l	67
95) Naphthalene	13.82	128	3557	0.230 ug/l	96
96) 1,2,3-Trichlorobenzene	14.01	180	1463	0.288 ug/l	90

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

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