Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101920\
Data File : VX018963.D
Acq On : 19 Oct 2020 20:15
Operator : JC/SP
Sample : L4214-07 .2PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations APPROVED
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10/20/2020 4:52:31 PM

Quant Time: Oct 20 10:05:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 18:41:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	92819	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	170593	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	149581	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	63507	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	62467	52.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.36%				
35) Dibromofluoromethane	5.47	113	49488	46.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.68%				
50) Toluene-d8	8.70	98	191982	46.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.76%				
62) 4-Bromofluorobenzene	11.12	95	62568	43.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	228	0.273	ug/l		96
3) Chloromethane	1.31	50	296	0.326	ug/l		99
4) Vinyl Chloride	1.39	62	290	0.238	ug/l		93
5) Bromomethane	1.64	94	516	0.508	ug/l	#	69
6) Chloroethane	1.72	64	180	0.205	ug/l	#	78
7) Trichlorofluoromethane	1.92	101	476	0.231	ug/l		88
8) Diethyl Ether	2.17	74	171	0.210	ug/l		78
9) 1,1,2-Trichlorotrifluoroet	2.37	101	343	0.303	ug/l		89
10) Methyl Iodide	2.49	142	257	0.241	ug/l	#	81
11) Tert butyl alcohol	3.00	59	557	2.017	ug/l	#	73
12) 1,1-Dichloroethene	2.36	96	360	0.298	ug/l	#	68
13) Acrolein	2.27	56	492m	2.707	ug/l		
14) Allyl chloride	2.71	41	488	0.335	ug/l	#	80
15) Acrylonitrile	3.11	53	613	1.205	ug/l	#	92
16) Acetone	2.42	43	739	1.419	ug/l		95
17) Carbon Disulfide	2.55	76	1474	0.537	ug/l	#	87
18) Methyl Acetate	2.75	43	346	0.300	ug/l	#	58
20) Methylene Chloride	2.84	84	392	0.356	ug/l	#	92
21) trans-1,2-Dichloroethene	3.14	96	369	0.333	ug/l		85
22) Diisopropyl ether	3.82	45	544	0.202	ug/l	#	63
23) Vinyl Acetate	3.79	43	2464	0.946	ug/l	#	93
25) 2-Butanone	4.65	43	952	1.271	ug/l	#	75
27) cis-1,2-Dichloroethene	4.57	96	310	0.241	ug/l		78
29) Tetrahydrofuran	5.10	42	531	1.206	ug/l	#	34
31) Cyclohexane	5.56	56	394	0.270	ug/l	#	59
32) 1,1,1-Trichloroethane	5.45	97	372	0.206	ug/l	#	25
36) 1,1-Dichloropropene	5.77	75	445	0.274	ug/l	#	41
37) Ethyl Acetate	4.79	43	367m	0.229	ug/l		
39) Methylcyclohexane	7.44	83	481	0.276	ug/l		88
40) Benzene	6.12	78	957	0.205	ug/l	#	89
41) Methacrylonitrile	5.02	41	298m	0.359	ug/l		
42) 1,2-Dichloroethane	6.16	62	456	0.285	ug/l	#	72
43) Isopropyl Acetate	6.42	43	698	0.270	ug/l	#	56
44) Trichloroethene	7.19	130	333	0.258	ug/l		89

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) Methyl methacrylate	7.75	41	355	0.297 ug/l #	63
51) 4-Methyl-2-Pentanone	8.62	43	1470	0.980 ug/l	87
53) t-1,3-Dichloropropene	9.03	75	435	0.229 ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	406	0.203 ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.29	63	1053	1.049 ug/l	96
59) 2-Hexanone	9.48	43	1090	0.956 ug/l	84
61) 1,2-Dibromoethane	9.65	107	268	0.209 ug/l	99
64) Tetrachloroethene	9.32	164	301	0.285 ug/l	91
65) Chlorobenzene	10.12	112	777	0.248 ug/l	98
67) Ethyl Benzene	10.23	91	1315	0.242 ug/l	97
68) m/p-Xylenes	10.34	106	919	0.436 ug/l	91
73) Isopropylbenzene	11.00	105	1087	0.236 ug/l	90
74) N-amyl acetate	10.88	43	468	0.271 ug/l #	73
75) 1,1,2,2-Tetrachloroethane	11.25	83	302	0.201 ug/l #	95
77) Bromobenzene	11.24	156	289	0.259 ug/l	76
78) n-propylbenzene	11.34	91	1610	0.306 ug/l	97
79) 2-Chlorotoluene	11.40	91	767	0.250 ug/l	93
80) 1,3,5-Trimethylbenzene	11.49	105	857	0.223 ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	119m	0.217 ug/l	
82) 4-Chlorotoluene	11.49	91	1217	0.330 ug/l	99
83) tert-Butylbenzene	11.76	119	828	0.216 ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	923	0.241 ug/l	94
85) sec-Butylbenzene	11.93	105	1172	0.260 ug/l	93
86) p-Isopropyltoluene	12.05	119	1103	0.268 ug/l #	75
87) 1,3-Dichlorobenzene	12.01	146	701	0.335 ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	857m	0.394 ug/l	
89) n-Butylbenzene	12.37	91	1401	0.373 ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	574	0.285 ug/l	91
92) 1,2-Dibromo-3-Chloropropan	12.98	75	73	0.214 ug/l #	55
93) 1,2,4-Trichlorobenzene	13.63	180	567	0.407 ug/l	96
94) Hexachlorobutadiene	13.76	225	193	0.333 ug/l	81
95) Naphthalene	13.82	128	1497	0.315 ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	488	0.362 ug/l	91

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

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