Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005293.D
Acq On : 12 Oct 2018 15:11
Operator : JC/MD
Sample : J5164-09 0.2ppb
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
MMDadoda
10/17/2018 9:04:58 AM

Quant Time: Oct 15 11:37:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	262940	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	381570	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	333484	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169181	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	169502	58.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.16%				
35) Dibromofluoromethane	5.50	113	119494	47.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.56%				
50) Toluene-d8	8.72	98	425239	49.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.02%				
62) 4-Bromofluorobenzene	11.14	95	145304	44.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	494	0.24	ug/l		100
3) Chloromethane	1.32	50	1299	0.44	ug/l		91
4) Vinyl Chloride	1.40	62	775	0.26	ug/l	#	80
5) Bromomethane	1.64	94	1025	1.18	ug/l		96
6) Chloroethane	1.72	64	579	0.63	ug/l	#	32
7) Trichlorofluoromethane	1.93	101	979	0.24	ug/l		85
8) Diethyl Ether	2.18	74	470	0.27	ug/l		92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	611	0.26	ug/l	#	81
12) 1,1-Dichloroethene	2.37	96	673	0.29	ug/l		94
14) Allyl chloride	2.73	41	1078	0.21	ug/l		97
15) Acrylonitrile	3.15	53	2594	1.39	ug/l		95
16) Acetone	2.45	43	2774	1.64	ug/l		95
17) Carbon Disulfide	2.57	76	2879	0.41	ug/l	#	86
18) Methyl Acetate	2.78	43	2156	0.45	ug/l		96
19) Methyl tert-butyl Ether	3.20	73	1882	0.23	ug/l	#	69
20) Methylene Chloride	2.85	84	1237	Below Cal		#	89
21) trans-1,2-Dichloroethene	3.16	96	773	0.30	ug/l		90
22) Diisopropyl ether	3.87	45	1740	0.20	ug/l	#	91
23) Vinyl Acetate	3.82	43	6938	0.93	ug/l		95
24) 1,1-Dichloroethane	3.70	63	1128	0.23	ug/l	#	82
25) 2-Butanone	4.71	43	3027	1.23	ug/l	#	89
27) cis-1,2-Dichloroethene	4.59	96	599	0.22	ug/l	#	1
28) Bromochloromethane	5.02	49	706	0.32	ug/l	#	78
29) Tetrahydrofuran	5.17	42	2139	1.36	ug/l	#	87
30) Chloroform	5.20	83	1071m	0.24	ug/l		
31) Cyclohexane	5.59	56	1018	0.25	ug/l	#	90
32) 1,1,1-Trichloroethane	5.52	97	887	0.23	ug/l	#	23
36) 1,1-Dichloropropene	5.81	75	903	0.24	ug/l	#	87
37) Ethyl Acetate	4.87	43	997	0.21	ug/l	#	90
38) Carbon Tetrachloride	5.79	117	1384	0.37	ug/l	#	86
39) Methylcyclohexane	7.46	83	1027	0.26	ug/l		93
40) Benzene	6.15	78	2399	0.22	ug/l		99
42) 1,2-Dichloroethane	6.20	62	998	0.25	ug/l		84
43) Isopropyl Acetate	6.46	43	1439	0.23	ug/l		96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Trichloroethene	7.22	130	1502	Below Cal	98
45) 1,2-Dichloropropane	7.52	63	549	0.20 ug/l #	81
46) Dibromomethane	7.66	93	438	0.24 ug/l	89
47) Bromodichloromethane	7.90	83	707	0.21 ug/l #	92
48) Methyl methacrylate	7.78	41	670	0.20 ug/l #	81
49) 1,4-Dioxane	7.76	88	375	4.95 ug/l #	70
51) 4-Methyl-2-Pentanone	8.65	43	3494	0.80 ug/l	98
52) Toluene	8.79	92	1376	0.23 ug/l	97
53) t-1,3-Dichloropropene	9.05	75	735	0.20 ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	568	0.22 ug/l #	92
57) 1,3-Dichloropropane	9.38	76	976	0.23 ug/l #	88
58) 2-Chloroethyl Vinyl ether	8.32	63	1824	0.87 ug/l	100
59) 2-Hexanone	9.50	43	2952	0.84 ug/l	88
64) Tetrachloroethene	9.34	164	716	0.27 ug/l	93
65) Chlorobenzene	10.14	112	1619	0.23 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	608	0.24 ug/l #	57
67) Ethyl Benzene	10.25	91	2419	0.21 ug/l	92
68) m/p-Xylenes	10.36	106	1746	0.39 ug/l	96
73) Isopropylbenzene	11.02	105	2074	0.21 ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	862	0.23 ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	747m	0.23 ug/l	
77) Bromobenzene	11.26	156	681	0.24 ug/l	81
78) n-propylbenzene	11.36	91	2799	0.24 ug/l	99
79) 2-Chlorotoluene	11.42	91	1724	0.24 ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	1805	0.21 ug/l	95
82) 4-Chlorotoluene	11.51	91	1981	0.24 ug/l	98
83) tert-Butylbenzene	11.77	119	1835	0.21 ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1913	0.22 ug/l	96
85) sec-Butylbenzene	11.94	105	2177	0.21 ug/l	95
86) p-Isopropyltoluene	12.07	119	1974	0.21 ug/l #	68
87) 1,3-Dichlorobenzene	12.03	146	1410	0.26 ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	1780m	0.32 ug/l	
89) n-Butylbenzene	12.39	91	2093	0.25 ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	1238	0.23 ug/l	91
92) 1,2-Dibromo-3-Chloropropan	13.01	75	267	0.29 ug/l	72
93) 1,2,4-Trichlorobenzene	13.65	180	1329	0.33 ug/l	88
94) Hexachlorobutadiene	13.78	225	548	0.26 ug/l	85
95) Naphthalene	13.83	128	2506	0.21 ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	1036	0.25 ug/l	89

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

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