Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071619\
Data File : VX010911.D
Acq On : 16 Jul 2019 17:05
Operator : JC/SP
Sample : VX0716WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0716WBS01

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:48 AM

Quant Time: Jul 17 05:13:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 04:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113642	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.24%		
35) Dibromofluoromethane	5.50	113	102428	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.14%		
50) Toluene-d8	8.71	98	393004	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.40%		
62) 4-Bromofluorobenzene	11.13	95	140836	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46877	20.542	ug/l	99
3) Chloromethane	1.33	50	41893	20.950	ug/l	99
4) Vinyl Chloride	1.41	62	42194	20.686	ug/l	100
5) Bromomethane	1.64	94	26714	23.241	ug/l	100
6) Chloroethane	1.73	64	27622	21.310	ug/l	97
7) Trichlorofluoromethane	1.93	101	69205	20.044	ug/l	99
8) Diethyl Ether	2.19	74	23461	19.722	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39840	20.209	ug/l	96
10) Methyl Iodide	2.51	142	44268	17.111	ug/l	99
11) Tert butyl alcohol	3.04	59	50542	93.811	ug/l	98
12) 1,1-Dichloroethene	2.37	96	39494	20.390	ug/l	98
13) Acrolein	2.29	56	27284	87.651	ug/l	97
14) Allyl chloride	2.73	41	55085	19.579	ug/l	100
15) Acrylonitrile	3.14	53	107261	98.524	ug/l	99
16) Acetone	2.44	43	92537	88.566	ug/l	100
17) Carbon Disulfide	2.57	76	96324	19.387	ug/l	98
18) Methyl Acetate	2.78	43	44566	18.732	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	123653	19.831	ug/l	99
20) Methylene Chloride	2.86	84	43879	19.817	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	40905	19.903	ug/l	97
22) Diisopropyl ether	3.85	45	119701	20.173	ug/l	97
23) Vinyl Acetate	3.81	43	501386	99.726	ug/l	98
24) 1,1-Dichloroethane	3.70	63	68014	19.737	ug/l	99
25) 2-Butanone	4.67	43	144841	96.570	ug/l	98
26) 2,2-Dichloropropane	4.59	77	51059	18.045	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	47136	19.817	ug/l	96
28) Bromochloromethane	5.01	49	28397	17.487	ug/l	99
29) Tetrahydrofuran	5.13	42	93744	98.671	ug/l	99
30) Chloroform	5.21	83	71890	19.300	ug/l	99
31) Cyclohexane	5.58	56	61139	19.465	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	62310	19.336	ug/l	99
36) 1,1-Dichloropropene	5.80	75	53502	19.805	ug/l	98
37) Ethyl Acetate	4.84	43	55140	19.933	ug/l	97
38) Carbon Tetrachloride	5.78	117	53340	18.948	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	7.46	83	67128	19.161 ug/l		99
40) Benzene	6.14	78	162735	19.665 ug/l		100
41) Methacrylonitrile	5.04	41	30784	19.603 ug/l		96
42) 1,2-Dichloroethane	6.20	62	56195	19.531 ug/l		100
43) Isopropyl Acetate	6.45	43	86157	18.942 ug/l		100
44) Trichloroethene	7.21	130	46908	19.150 ug/l		97
45) 1,2-Dichloropropane	7.51	63	41140	19.533 ug/l		97
46) Dibromomethane	7.66	93	29106	19.339 ug/l		97
47) Bromodichloromethane	7.90	83	52034	19.422 ug/l		97
48) Methyl methacrylate	7.77	41	42113	19.005 ug/l		100
49) 1,4-Dioxane	7.74	88	24381	393.356 ug/l		99
51) 4-Methyl-2-Pentanone	8.64	43	290188	98.417 ug/l		100
52) Toluene	8.78	92	105544	19.415 ug/l		99
53) t-1,3-Dichloropropene	9.04	75	52949	18.381 ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	61174	19.084 ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	44270	19.778 ug/l		97
56) Ethyl methacrylate	9.18	69	63651	19.440 ug/l		99
57) 1,3-Dichloropropane	9.37	76	68852	19.390 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	155521	99.504 ug/l		100
59) 2-Hexanone	9.49	43	226121	98.875 ug/l		100
60) Dibromochloromethane	9.58	129	42673	18.255 ug/l		100
61) 1,2-Dibromoethane	9.67	107	47072	19.816 ug/l		100
64) Tetrachloroethene	9.34	164	46596	19.876 ug/l		97
65) Chlorobenzene	10.13	112	118599	19.377 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	41112	19.112 ug/l		99
67) Ethyl Benzene	10.25	91	202130	19.402 ug/l		97
68) m/p-Xylenes	10.36	106	155814	38.990 ug/l		98
69) o-Xylene	10.69	106	76596	19.639 ug/l		99
70) Styrene	10.71	104	127040	19.540 ug/l		99
71) Bromoform	10.85	173	30691	17.420 ug/l	#	100
73) Isopropylbenzene	11.02	105	204727	20.025 ug/l		100
74) N-amyl acetate	10.90	43	76323	19.539 ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.27	83	67329	20.124 ug/l		99
76) 1,2,3-Trichloropropane	11.29	75	55959m	20.496 ug/l		
77) Bromobenzene	11.26	156	53979	19.142 ug/l		99
78) n-propylbenzene	11.36	91	222471	19.695 ug/l		100
79) 2-Chlorotoluene	11.42	91	133624	19.692 ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	169098	19.795 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	17069	18.558 ug/l		92
82) 4-Chlorotoluene	11.51	91	153578	19.445 ug/l		99
83) tert-Butylbenzene	11.77	119	167053	19.909 ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	171014	19.862 ug/l		100
85) sec-Butylbenzene	11.94	105	196101	19.945 ug/l		99
86) p-Isopropyltoluene	12.06	119	178415	19.628 ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	95642	19.543 ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	97131	19.352 ug/l		98
89) n-Butylbenzene	12.38	91	150575	19.363 ug/l		99
90) Hexachloroethane	12.60	117	26190	18.268 ug/l		99
91) 1,2-Dichlorobenzene	12.39	146	97980	20.202 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13399	19.159 ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63737	19.391	ug/l	99
94) Hexachlorobutadiene	13.78	225	31049	19.062	ug/l	98
95) Naphthalene	13.83	128	197189	20.316	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65280	19.960	ug/l	99

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

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