Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070319\
Data File : VX010656.D
Acq On : 03 Jul 2019 21:28
Operator : JC/SP
Sample : K3636-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SP19-JMW0991MS

Manual Integrations APPROVED
MMDadoda
7/8/2019 2:40:50 PM

Quant Time: Jul 04 05:27:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105167	58.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.10%			
35) Dibromofluoromethane	5.50	113	99174	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.72%			
50) Toluene-d8	8.71	98	341657	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.20%			
62) 4-Bromofluorobenzene	11.13	95	128831	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	75203	55.982	ug/l	98
3) Chloromethane	1.32	50	93384	59.699	ug/l	98
4) Vinyl Chloride	1.41	62	96524	56.338	ug/l	99
5) Bromomethane	1.64	94	48791	58.454	ug/l	99
6) Chloroethane	1.71	64	61903	61.241	ug/l	100
7) Trichlorofluoromethane	1.92	101	146770	54.039	ug/l	99
8) Diethyl Ether	2.19	74	65784	67.540	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76158	46.271	ug/l	98
10) Methyl Iodide	2.51	142	121923	51.906	ug/l	98
11) Tert butyl alcohol	3.05	59	121261	255.798	ug/l	99
12) 1,1-Dichloroethene	2.37	96	88999	53.140	ug/l	98
13) Acrolein	2.29	56	87426	278.008	ug/l	98
14) Allyl chloride	2.73	41	134940	56.751	ug/l	98
15) Acrylonitrile	3.14	53	285555	304.247	ug/l	99
16) Acetone	2.45	43	233913	257.630	ug/l	97
17) Carbon Disulfide	2.57	76	230494	51.298	ug/l	100
18) Methyl Acetate	2.78	43	96628	53.398	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	312581	59.327	ug/l	98
20) Methylene Chloride	2.85	84	111940	59.909	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99810	55.411	ug/l	97
22) Diisopropyl ether	3.86	45	297542	59.852	ug/l #	87
23) Vinyl Acetate	3.81	43	1164358	271.116	ug/l	97
24) 1,1-Dichloroethane	3.70	63	170083	59.188	ug/l	99
25) 2-Butanone	4.68	43	385166	289.199	ug/l	100
26) 2,2-Dichloropropane	4.58	77	96120	38.505	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	118391	56.877	ug/l	99
28) Bromochloromethane	5.02	49	72600	52.842	ug/l	95
29) Tetrahydrofuran	5.13	42	255125	309.261	ug/l	98
30) Chloroform	5.21	83	178922	57.869	ug/l	99
31) Cyclohexane	5.58	56	119677	45.734	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	146964	53.832	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116815	47.935	ug/l	99
37) Ethyl Acetate	4.84	43	133128	53.102	ug/l	98
38) Carbon Tetrachloride	5.79	117	122149	46.289	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128182	40.016 ug/l	98
40) Benzene	6.14	78	408883	53.856 ug/l	99
41) Methacrylonitrile	5.04	41	79522	57.811 ug/l	98
42) 1,2-Dichloroethane	6.20	62	138808	60.062 ug/l	98
43) Isopropyl Acetate	6.45	43	218419	52.659 ug/l	99
44) Trichloroethene	7.21	130	111305	48.995 ug/l	100
45) 1,2-Dichloropropane	7.51	63	102705	53.569 ug/l	99
46) Dibromomethane	7.66	93	77007	55.982 ug/l	95
47) Bromodichloromethane	7.90	83	135014	53.558 ug/l	98
48) Methyl methacrylate	7.77	41	112704	58.458 ug/l	98
49) 1,4-Dioxane	7.74	88	57814	1040.955 ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	780550	294.239 ug/l	98
52) Toluene	8.78	92	252848	50.572 ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140863	49.840 ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	154061	50.160 ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	113209	54.903 ug/l	99
56) Ethyl methacrylate	9.18	69	175881	56.306 ug/l	97
57) 1,3-Dichloropropane	9.37	76	177568	55.476 ug/l	99
59) 2-Hexanone	9.49	43	603300	288.961 ug/l	97
60) Dibromochloromethane	9.58	129	118811	51.461 ug/l	98
61) 1,2-Dibromoethane	9.67	107	122961	55.247 ug/l	99
64) Tetrachloroethene	9.34	164	95712	42.221 ug/l	98
65) Chlorobenzene	10.14	112	285559	50.185 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	107881	52.050 ug/l	99
67) Ethyl Benzene	10.25	91	472591	49.196 ug/l	98
68) m/p-Xylenes	10.36	106	363530	97.666 ug/l	98
69) o-Xylene	10.70	106	182563	49.875 ug/l	98
70) Styrene	10.71	104	319530	52.052 ug/l	99
71) Bromoform	10.85	173	90071	49.972 ug/l #	98
73) Isopropylbenzene	11.02	105	454958	47.136 ug/l	99
74) N-amyl acetate	10.90	43	184671	50.627 ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177706	55.594 ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143755m	55.405 ug/l	
77) Bromobenzene	11.26	156	137018	50.840 ug/l	99
78) n-propylbenzene	11.36	91	505101	47.615 ug/l	99
79) 2-Chlorotoluene	11.42	91	311102	49.250 ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	388500	48.826 ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	47746	42.930 ug/l	89
82) 4-Chlorotoluene	11.51	91	360104	50.099 ug/l	100
83) tert-Butylbenzene	11.77	119	382438	47.887 ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	399130	49.928 ug/l	99
85) sec-Butylbenzene	11.94	105	429551	45.810 ug/l	99
86) p-Isopropyltoluene	12.06	119	402333	46.387 ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	229392	48.760 ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	231618	48.361 ug/l	100
89) n-Butylbenzene	12.38	91	331782	45.017 ug/l	99
90) Hexachloroethane	12.60	117	66981	44.662 ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	233483	49.936 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36455	52.897 ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	153661	47.390 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	65650	41.427	ug/l	99
95) Naphthalene	13.83	128	521752	52.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157324	48.800	ug/l	99

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

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