Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
Data File : VX010107.D
Acq On : 07 Jun 2019 13:51
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX060719

Manual Integrations APPROVED
MMDadoda
6/10/2019 10:53:50 AM

Quant Time: Jun 08 02:54:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	338877	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	507245	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	460200	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227194	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	162019	48.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.96%				
35) Dibromofluoromethane	5.50	113	156432	50.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.00%				
50) Toluene-d8	8.71	98	591234	50.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.84%				
62) 4-Bromofluorobenzene	11.13	95	222590	50.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	174420	55.937	ug/l		99
3) Chloromethane	1.32	50	155111	50.089	ug/l		97
4) Vinyl Chloride	1.41	62	145257	49.909	ug/l		99
5) Bromomethane	1.64	94	58032	52.839	ug/l		98
6) Chloroethane	1.71	64	79409	54.116	ug/l		100
7) Trichlorofluoromethane	1.92	101	215918	49.943	ug/l		99
8) Diethyl Ether	2.19	74	71416	47.928	ug/l		77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	149455	50.151	ug/l		91
10) Methyl Iodide	2.51	142	233772	50.630	ug/l		97
11) Tert butyl alcohol	3.05	59	204607	252.500	ug/l		99
12) 1,1-Dichloroethene	2.37	96	151135	49.652	ug/l	#	80
13) Acrolein	2.29	56	36853	249.420	ug/l		99
14) Allyl chloride	2.73	41	228956	49.831	ug/l	#	88
15) Acrylonitrile	3.14	53	412311	248.937	ug/l		99
16) Acetone	2.45	43	393032	252.623	ug/l	#	88
17) Carbon Disulfide	2.57	76	436506	49.631	ug/l		98
18) Methyl Acetate	2.78	43	166463	48.652	ug/l	#	82
19) Methyl tert-butyl Ether	3.20	73	484594	49.555	ug/l		94
20) Methylene Chloride	2.85	84	165430	48.417	ug/l	#	77
21) trans-1,2-Dichloroethene	3.17	96	160142	47.541	ug/l	#	80
22) Diisopropyl ether	3.85	45	442822	50.409	ug/l	#	91
23) Vinyl Acetate	3.81	43	1994301	254.478	ug/l	#	88
24) 1,1-Dichloroethane	3.70	63	262343	49.187	ug/l		95
25) 2-Butanone	4.67	43	594186	256.476	ug/l	#	84
26) 2,2-Dichloropropane	4.58	77	245368	50.427	ug/l		95
27) cis-1,2-Dichloroethene	4.59	96	185757	49.570	ug/l		80
28) Bromochloromethane	5.01	49	112358	47.004	ug/l	#	50
29) Tetrahydrofuran	5.13	42	362712	249.121	ug/l	#	75
30) Chloroform	5.21	83	274491	49.554	ug/l		98
31) Cyclohexane	5.58	56	244398	50.772	ug/l	#	77
32) 1,1,1-Trichloroethane	5.49	97	254372	48.848	ug/l		94
36) 1,1-Dichloropropene	5.80	75	208332	50.342	ug/l		93
37) Ethyl Acetate	4.84	43	213845	49.664	ug/l	#	91
38) Carbon Tetrachloride	5.78	117	229360	48.965	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	280354	49.751	ug/l	#	83
40) Benzene	6.14	78	641221	50.109	ug/l		100
41) Methacrylonitrile	5.04	41	116189	49.884	ug/l	#	83
42) 1,2-Dichloroethane	6.20	62	207253	50.731	ug/l		95
43) Isopropyl Acetate	6.45	43	357262	49.624	ug/l	#	88
44) Trichloroethene	7.21	130	191926	49.757	ug/l		87
45) 1,2-Dichloropropane	7.51	63	161437	50.404	ug/l		99
46) Dibromomethane	7.66	93	116497	48.550	ug/l		92
47) Bromodichloromethane	7.90	83	224636	50.100	ug/l		99
48) Methyl methacrylate	7.77	41	173367	51.491	ug/l	#	79
49) 1,4-Dioxane	7.74	88	92838	967.117	ug/l	#	81
51) 4-Methyl-2-Pentanone	8.64	43	1096546	254.959	ug/l		89
52) Toluene	8.79	92	419722	49.897	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	263243	50.758	ug/l		98
54) cis-1,3-Dichloropropene	8.43	75	277604	49.930	ug/l	#	89
55) 1,1,2-Trichloroethane	9.21	97	173453	50.350	ug/l		97
56) Ethyl methacrylate	9.18	69	276533	50.816	ug/l	#	83
57) 1,3-Dichloropropane	9.37	76	268632	49.530	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.31	63	702419	273.802	ug/l	#	86
59) 2-Hexanone	9.49	43	867238	252.903	ug/l		87
60) Dibromochloromethane	9.58	129	206031	50.562	ug/l		100
61) 1,2-Dibromoethane	9.67	107	190724	49.709	ug/l		99
64) Tetrachloroethene	9.34	164	164572	48.149	ug/l		98
65) Chlorobenzene	10.13	112	471673	49.659	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.22	131	183526	50.245	ug/l		100
67) Ethyl Benzene	10.25	91	805638	49.825	ug/l		95
68) m/p-Xylenes	10.36	106	623031	99.574	ug/l		91
69) o-Xylene	10.69	106	307707	49.472	ug/l		91
70) Styrene	10.71	104	528607	50.180	ug/l		96
71) Bromoform	10.85	173	167127	49.771	ug/l	#	99
73) Isopropylbenzene	11.02	105	808665	50.989	ug/l		95
74) N-amyl acetate	10.90	43	313965	50.080	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	266682	49.123	ug/l		98
76) 1,2,3-Trichloropropane	11.29	75	227902m	50.151	ug/l		
77) Bromobenzene	11.26	156	217763	49.930	ug/l		85
78) n-propylbenzene	11.36	91	904750	51.242	ug/l		94
79) 2-Chlorotoluene	11.42	91	533314	50.292	ug/l		91
80) 1,3,5-Trimethylbenzene	11.51	105	667326	49.957	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.07	75	104622	50.867	ug/l		84
82) 4-Chlorotoluene	11.51	91	612649	50.858	ug/l		93
83) tert-Butylbenzene	11.77	119	685079	50.671	ug/l		94
84) 1,2,4-Trimethylbenzene	11.80	105	677061	50.179	ug/l		97
85) sec-Butylbenzene	11.94	105	790029	50.156	ug/l		95
86) p-Isopropyltoluene	12.06	119	722142	50.149	ug/l		97
87) 1,3-Dichlorobenzene	12.02	146	384282	50.023	ug/l		98
88) 1,4-Dichlorobenzene	12.10	146	377081	48.693	ug/l		98
89) n-Butylbenzene	12.38	91	635824	51.296	ug/l		97
90) Hexachloroethane	12.60	117	144587	50.405	ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	371428	49.733	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61861	48.423	ug/l		71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	268874	49.183	ug/l	100
94) Hexachlorobutadiene	13.78	225	120379	49.513	ug/l	99
95) Naphthalene	13.83	128	861966	50.088	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	263713	48.788	ug/l	97

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

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