Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100819\
Data File : VY000221.D
Acq On : 08 Oct 2019 13:44
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.0ml/MSVOA_Y/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTDICCC050

Manual Integrations APPROVED
MMDadoda
10/10/2019 12:52:53 AM

Quant Time: Oct 08 14:59:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 08 14:14:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	277257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	466087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	427415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	187725	70.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 141.30%			
35) Dibromofluoromethane	7.73	113	154094	57.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.14%			
50) Toluene-d8	10.19	98	613093	62.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 124.20%			
62) 4-Bromofluorobenzene	12.48	95	220137	61.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	151036	71.537	ug/l	92
3) Chloromethane	2.12	50	192204	74.942	ug/l	97
4) Vinyl Chloride	2.25	62	206236	74.034	ug/l	98
5) Bromomethane	2.62	94	132675	59.221	ug/l	94
6) Chloroethane	2.78	64	131058	73.233	ug/l	91
7) Trichlorofluoromethane	3.12	101	260599	66.370	ug/l	95
8) Diethyl Ether	3.53	74	111604	73.190	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.90	101	152612	66.017	ug/l	93
10) Methyl Iodide	4.09	142	247807	79.830	ug/l	96
11) Tert butyl alcohol	4.97	59	484581	362.397	ug/l	99
12) 1,1-Dichloroethene	3.87	96	158976	67.090	ug/l	84
13) Acrolein	3.73	56	247106	470.578	ug/l	98
14) Allyl chloride	4.48	41	263601m	74.658	ug/l	
15) Acrylonitrile	5.18	53	875797	398.982	ug/l	99
16) Acetone	3.95	43	716097	408.545	ug/l	100
17) Carbon Disulfide	4.19	76	468951	72.130	ug/l	99
18) Methyl Acetate	4.48	43	400482	83.574	ug/l	91
19) Methyl tert-butyl Ether	5.23	73	569278	74.499	ug/l	94
20) Methylene Chloride	4.72	84	180161	66.314	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	172364	69.957	ug/l	94
22) Diisopropyl ether	6.13	45	624341	88.877	ug/l	95
23) Vinyl Acetate	6.07	43	2909143	444.498	ug/l #	93
24) 1,1-Dichloroethane	6.03	63	311943	78.037	ug/l	94
25) 2-Butanone	7.00	43	1383778	438.306	ug/l	94
26) 2,2-Dichloropropane	6.99	77	270942	68.695	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	203728	69.385	ug/l	89
28) Bromochloromethane	7.35	49	103164	90.441	ug/l	81
29) Tetrahydrofuran	7.36	42	980951	448.286	ug/l	90
30) Chloroform	7.52	83	320050	70.987	ug/l	95
31) Cyclohexane	7.79	56	310611	66.049	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	278556	70.385	ug/l	98
36) 1,1-Dichloropropene	7.92	75	244052	65.285	ug/l	96
37) Ethyl Acetate	7.08	43	453080	77.309	ug/l	98
38) Carbon Tetrachloride	7.91	117	243414	60.533	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.19	83	315982	63.515	ug/l		91
40) Benzene	8.17	78	748958	66.890	ug/l		98
41) Methacrylonitrile	7.35	41	356832m	48.776	ug/l		
42) 1,2-Dichloroethane	8.25	62	250073	68.754	ug/l		96
43) Isopropyl Acetate	8.28	43	589079	77.584	ug/l		96
44) Trichloroethene	8.95	130	202363	56.290	ug/l		97
45) 1,2-Dichloropropane	9.22	63	188740	69.166	ug/l		94
46) Dibromomethane	9.31	93	129161	63.674	ug/l		89
47) Bromodichloromethane	9.50	83	262891	68.303	ug/l		96
48) Methyl methacrylate	9.30	41	262597	80.496	ug/l		92
49) 1,4-Dioxane	9.30	88	133554	1306.436	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.08	43	2279221	405.877	ug/l		97
52) Toluene	10.25	92	475260	64.838	ug/l		100
53) t-1,3-Dichloropropene	10.47	75	303530	70.220	ug/l		99
54) cis-1,3-Dichloropropene	9.94	75	319519	69.015	ug/l		96
55) 1,1,2-Trichloroethane	10.65	97	192999	64.180	ug/l		95
56) Ethyl methacrylate	10.52	69	347439	75.945	ug/l		95
57) 1,3-Dichloropropane	10.80	76	325867	68.210	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.79	63	764756	293.868	ug/l		91
59) 2-Hexanone	10.83	43	1958610	410.237	ug/l		99
60) Dibromochloromethane	10.99	129	206420	61.507	ug/l		100
61) 1,2-Dibromoethane	11.09	107	206794	63.446	ug/l		100
64) Tetrachloroethene	10.72	164	196561	51.783	ug/l		96
65) Chlorobenzene	11.52	112	500662	60.145	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.59	131	184828	59.223	ug/l		98
67) Ethyl Benzene	11.60	91	930589	64.759	ug/l		96
68) m/p-Xylenes	11.70	106	710689	125.429	ug/l		94
69) o-Xylene	12.03	106	337570	60.523	ug/l		93
70) Styrene	12.05	104	590879	63.989	ug/l		96
71) Bromoform	12.20	173	156055	56.732	ug/l	#	98
73) Isopropylbenzene	12.33	105	907184	65.211	ug/l		97
74) N-amyl acetate	12.14	43	470961	87.452	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.58	83	309754	70.009	ug/l		99
76) 1,2,3-Trichloropropane	12.63	75	276355m	45.963	ug/l		
77) Bromobenzene	12.61	156	206126	56.501	ug/l		77
78) n-propylbenzene	12.67	91	1083777	68.415	ug/l		95
79) 2-Chlorotoluene	12.75	91	606530	67.720	ug/l		94
80) 1,3,5-Trimethylbenzene	12.81	105	764790	65.371	ug/l		96
81) trans-1,4-Dichloro-2-buten	12.38	75	140127	77.459	ug/l		94
82) 4-Chlorotoluene	12.86	91	628580	68.640	ug/l		95
83) tert-Butylbenzene	13.08	119	648833	61.354	ug/l		96
84) 1,2,4-Trimethylbenzene	13.12	105	766814	66.099	ug/l		97
85) sec-Butylbenzene	13.25	105	917083	64.013	ug/l		97
86) p-Isopropyltoluene	13.37	119	823497	63.281	ug/l		98
87) 1,3-Dichlorobenzene	13.36	146	389930	58.029	ug/l		97
88) 1,4-Dichlorobenzene	13.44	146	393006	58.028	ug/l		97
89) n-Butylbenzene	13.70	91	786583	68.858	ug/l		97
90) Hexachloroethane	13.96	117	154890	63.230	ug/l		87
91) 1,2-Dichlorobenzene	13.74	146	379111	58.053	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	104569	72.490	ug/l		80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	254491	54.202	ug/l	99
94) Hexachlorobutadiene	15.11	225	120836	48.158	ug/l	99
95) Naphthalene	15.23	128	991341	62.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	247984	52.925	ug/l	98

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

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