Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
Data File : VN054841.D
Acq On : 31 Mar 2019 10:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
4/1/2019 12:49:46 PM

Quant Time: Apr 01 02:54:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	495812	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	792312	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	699667	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	319346	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	338902	50.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.42%				
35) Dibromofluoromethane	7.59	113	266263	50.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.82%				
50) Toluene-d8	10.09	98	1009070	51.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.76%				
62) 4-Bromofluorobenzene	12.40	95	348210	53.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	248408	49.532	ug/l		99
3) Chloromethane	2.06	50	328887	47.428	ug/l		99
4) Vinyl Chloride	2.19	62	309684	49.731	ug/l		97
5) Bromomethane	2.57	94	152707	46.621	ug/l		95
6) Chloroethane	2.71	64	172844	49.707	ug/l		97
7) Trichlorofluoromethane	3.02	101	397633	51.938	ug/l		100
8) Diethyl Ether	3.41	74	127034	51.531	ug/l		68
9) 1,1,2-Trichlorotrifluoroet	3.75	101	212756	52.790	ug/l		92
10) Methyl Iodide	3.94	142	235304	42.648	ug/l	#	87
11) Tert butyl alcohol	4.82	59	105329	302.468	ug/l		99
12) 1,1-Dichloroethene	3.73	96	203907	52.319	ug/l	#	76
13) Acrolein	3.61	56	69387	222.885	ug/l		99
14) Allyl chloride	4.31	41	493309	51.388	ug/l	#	91
15) Acrylonitrile	4.99	53	529532	273.578	ug/l		100
16) Acetone	3.82	43	649842	407.725	ug/l	#	82
17) Carbon Disulfide	4.04	76	639515	50.591	ug/l		100
18) Methyl Acetate	4.33	43	237412	57.324	ug/l	#	88
19) Methyl tert-butyl Ether	5.05	73	720026	52.815	ug/l		93
20) Methylene Chloride	4.55	84	281149	50.008	ug/l	#	83
21) trans-1,2-Dichloroethene	5.03	96	263682	51.509	ug/l	#	82
22) Diisopropyl ether	5.96	45	1018324	53.634	ug/l	#	93
23) Vinyl Acetate	5.90	43	3744314	283.383	ug/l	#	92
24) 1,1-Dichloroethane	5.84	63	520520	51.393	ug/l		98
25) 2-Butanone	6.85	43	841152	357.029	ug/l	#	88
26) 2,2-Dichloropropane	6.82	77	387797	54.629	ug/l		97
27) cis-1,2-Dichloroethene	6.83	96	304150	52.594	ug/l		87
28) Bromochloromethane	7.19	49	272520	53.810	ug/l	#	71
29) Tetrahydrofuran	7.22	42	445498	272.253	ug/l	#	84
30) Chloroform	7.37	83	513083	53.127	ug/l		100
31) Cyclohexane	7.65	56	495796	53.884	ug/l		88
32) 1,1,1-Trichloroethane	7.57	97	427471	53.411	ug/l		96
36) 1,1-Dichloropropene	7.79	75	393462	53.294	ug/l		96
37) Ethyl Acetate	6.94	43	296295	54.728	ug/l	#	94
38) Carbon Tetrachloride	7.77	117	371784	51.848	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	444482	54.762	ug/l		89
40) Benzene	8.04	78	1137432	53.843	ug/l		99
41) Methacrylonitrile	7.17	41	172493	56.716	ug/l		88
42) 1,2-Dichloroethane	8.12	62	404101	53.574	ug/l		97
43) Isopropyl Acetate	8.17	43	511664	58.164	ug/l	#	93
44) Trichloroethene	8.83	130	296903	54.142	ug/l		92
45) 1,2-Dichloropropane	9.12	63	320670	53.236	ug/l		98
46) Dibromomethane	9.21	93	185153	54.641	ug/l		88
47) Bromodichloromethane	9.40	83	395917	56.220	ug/l		98
48) Methyl methacrylate	9.20	41	260604	54.650	ug/l		88
49) 1,4-Dioxane	9.20	88	58292	1231.986	ug/l	#	82
51) 4-Methyl-2-Pentanone	9.99	43	1481801	299.603	ug/l		92
52) Toluene	10.16	92	689747	54.871	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	389722	58.830	ug/l		96
54) cis-1,3-Dichloropropene	9.84	75	462614	58.460	ug/l		91
55) 1,1,2-Trichloroethane	10.56	97	253845	54.309	ug/l		97
56) Ethyl methacrylate	10.43	69	356095	58.077	ug/l	#	87
57) 1,3-Dichloropropane	10.71	76	442020	55.007	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	620369	235.510	ug/l	#	89
59) 2-Hexanone	10.75	43	1066236	336.760	ug/l		91
60) Dibromochloromethane	10.90	129	275830	58.257	ug/l		99
61) 1,2-Dibromoethane	11.01	107	248684	55.674	ug/l		99
64) Tetrachloroethene	10.63	164	281108	52.357	ug/l		96
65) Chlorobenzene	11.43	112	728457	53.177	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	279110	54.435	ug/l		99
67) Ethyl Benzene	11.51	91	1333725	53.953	ug/l		98
68) m/p-Xylenes	11.62	106	995195	108.788	ug/l		94
69) o-Xylene	11.95	106	474127	52.854	ug/l		93
70) Styrene	11.96	104	812567	56.652	ug/l		97
71) Bromoform	12.13	173	174720	58.166	ug/l	#	98
73) Isopropylbenzene	12.25	105	1281063	49.079	ug/l		97
74) N-amyl acetate	12.07	43	431447	53.056	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.50	83	321141	56.017	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	270401m	48.740	ug/l		
77) Bromobenzene	12.53	156	313634	49.786	ug/l		85
78) n-propylbenzene	12.59	91	1457509	50.804	ug/l		96
79) 2-Chlorotoluene	12.68	91	873730	49.227	ug/l		95
80) 1,3,5-Trimethylbenzene	12.73	105	1065373	49.743	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.30	75	76284	53.485	ug/l	#	83
82) 4-Chlorotoluene	12.77	91	884917	51.331	ug/l		95
83) tert-Butylbenzene	12.99	119	889154	53.736	ug/l		95
84) 1,2,4-Trimethylbenzene	13.04	105	1052856	51.599	ug/l		96
85) sec-Butylbenzene	13.17	105	1173967	50.458	ug/l		97
86) p-Isopropyltoluene	13.29	119	1037919	50.579	ug/l		97
87) 1,3-Dichlorobenzene	13.28	146	545495	51.720	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	531783	51.407	ug/l		98
89) n-Butylbenzene	13.62	91	891625	53.255	ug/l		97
90) Hexachloroethane	13.88	117	174927	50.208	ug/l		87
91) 1,2-Dichlorobenzene	13.65	146	529918	49.784	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47681	53.435	ug/l		84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	270110	52.635	ug/l	98
94) Hexachlorobutadiene	15.01	225	160632	52.979	ug/l	99
95) Naphthalene	15.13	128	593877	51.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	265251	51.180	ug/l	99

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

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