Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070819\
Data File : VN056619.D
Acq On : 8 Jul 2019 19:01
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
7/9/2019 9:46:54 AM

Quant Time: Jul 09 04:51:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	295838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	454177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	406900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	161319	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.40%			
35) Dibromofluoromethane	7.59	113	142103	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
50) Toluene-d8	10.09	98	522002	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.70%			
62) 4-Bromofluorobenzene	12.40	95	185831	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	107436	42.889	ug/l	98
3) Chloromethane	2.06	50	142203	41.691	ug/l	99
4) Vinyl Chloride	2.18	62	143494	43.558	ug/l	99
5) Bromomethane	2.52	94	79326m	41.074	ug/l	
6) Chloroethane	2.68	64	85536	44.835	ug/l	99
7) Trichlorofluoromethane	3.00	101	196566	46.127	ug/l	98
8) Diethyl Ether	3.41	74	84865	47.056	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	126559	46.571	ug/l	99
10) Methyl Iodide	3.95	142	159509	43.428	ug/l	100
11) Tert butyl alcohol	4.80	59	140506	254.432	ug/l	98
12) 1,1-Dichloroethene	3.73	96	120709	46.189	ug/l	98
13) Acrolein	3.60	56	54818	117.779	ug/l	98
14) Allyl chloride	4.32	41	218496	50.225	ug/l	98
15) Acrylonitrile	4.99	53	405215	265.236	ug/l	99
16) Acetone	3.82	43	321603	195.774	ug/l	99
17) Carbon Disulfide	4.05	76	239042	40.215	ug/l	99
18) Methyl Acetate	4.32	43	180398	56.176	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	438495	50.707	ug/l	99
20) Methylene Chloride	4.55	84	149076	48.106	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	128834	45.725	ug/l	98
22) Diisopropyl ether	5.95	45	475347	52.028	ug/l	97
23) Vinyl Acetate	5.90	43	1953151	271.042	ug/l	99
24) 1,1-Dichloroethane	5.85	63	261894	49.937	ug/l	99
25) 2-Butanone	6.84	43	536840	246.919	ug/l	99
26) 2,2-Dichloropropane	6.83	77	178735	49.001	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	160680	48.743	ug/l	99
28) Bromochloromethane	7.19	49	126382	48.719	ug/l	99
29) Tetrahydrofuran	7.21	42	363039	273.242	ug/l	98
30) Chloroform	7.37	83	258299	49.912	ug/l	99
31) Cyclohexane	7.65	56	218219	43.100	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	207802	50.658	ug/l	99
36) 1,1-Dichloropropene	7.79	75	182845	45.739	ug/l	100
37) Ethyl Acetate	6.93	43	212789	54.164	ug/l	99
38) Carbon Tetrachloride	7.77	117	172333	49.297	ug/l	93

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39) Methylcyclohexane	9.08	83	215123	43.612	ug/l		99
40) Benzene	8.04	78	577983	47.004	ug/l		98
41) Methacrylonitrile	7.17	41	90271	52.036	ug/l		98
42) 1,2-Dichloroethane	8.12	62	193253	47.621	ug/l		99
43) Isopropyl Acetate	8.17	43	342233	56.495	ug/l		98
44) Trichloroethene	8.83	130	155159	46.842	ug/l		99
45) 1,2-Dichloropropane	9.12	63	162245	49.337	ug/l		99
46) Dibromomethane	9.21	93	101931	49.543	ug/l		98
47) Bromodichloromethane	9.40	83	195426	53.556	ug/l		97
48) Methyl methacrylate	9.20	41	158525	52.221	ug/l		100
49) 1,4-Dioxane	9.20	88	68846	1092.850	ug/l		97
51) 4-Methyl-2-Pentanone	9.99	43	1089700	278.703	ug/l		99
52) Toluene	10.16	92	356941	47.479	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	209686	49.376	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	235007	53.481	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	152277	50.392	ug/l		99
56) Ethyl methacrylate	10.43	69	240952	54.561	ug/l		99
57) 1,3-Dichloropropane	10.71	76	255441	50.318	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	593959	374.376	ug/l		99
59) 2-Hexanone	10.75	43	784475	272.989	ug/l		99
60) Dibromochloromethane	10.90	129	154657	49.802	ug/l		99
61) 1,2-Dibromoethane	11.00	107	157402	51.000	ug/l		100
64) Tetrachloroethene	10.63	164	142201	44.130	ug/l		98
65) Chlorobenzene	11.43	112	386582	47.282	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	146872	53.151	ug/l		99
67) Ethyl Benzene	11.51	91	684027	47.647	ug/l		100
68) m/p-Xylenes	11.62	106	512310	97.376	ug/l		98
69) o-Xylene	11.95	106	250699	48.164	ug/l		99
70) Styrene	11.96	104	432132	51.940	ug/l		99
71) Bromoform	12.13	173	113065	50.674	ug/l	#	99
73) Isopropylbenzene	12.25	105	676327	47.452	ug/l		99
74) N-amyl acetate	12.07	43	277812	46.134	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	232644	53.065	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	185061m	47.169	ug/l		
77) Bromobenzene	12.53	156	179949	42.533	ug/l		97
78) n-propylbenzene	12.59	91	759041	43.806	ug/l		99
79) 2-Chlorotoluene	12.67	91	454509	47.721	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	567483	47.545	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	64233	58.188	ug/l		92
82) 4-Chlorotoluene	12.77	91	452938	44.272	ug/l		99
83) tert-Butylbenzene	12.99	119	491570	47.221	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	565526	44.397	ug/l		100
85) sec-Butylbenzene	13.17	105	650727	42.727	ug/l		100
86) p-Isopropyltoluene	13.29	119	591507	45.256	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	298412	46.542	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	291986	47.022	ug/l		100
89) n-Butylbenzene	13.61	91	492601	49.785	ug/l		100
90) Hexachloroethane	13.87	117	91978	45.138	ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	305073	47.958	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41818	59.730	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	169663	51.079	ug/l	99
94) Hexachlorobutadiene	15.01	225	102211	47.312	ug/l	100
95) Naphthalene	15.13	128	483358	55.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	176010	51.163	ug/l	100

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

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