Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN053119\
Data File : VN055931.D
Acq On : 31 May 2019 20:09
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/3/2019 4:12:20 PM

Quant Time: Jun 03 08:53:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	298035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	450049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	398453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	165279	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.40%			
35) Dibromofluoromethane	7.59	113	145292	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.12%			
50) Toluene-d8	10.09	98	545697	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
62) 4-Bromofluorobenzene	12.40	95	187410	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	88774	44.258	ug/l	99
3) Chloromethane	2.06	50	125995	44.833	ug/l	98
4) Vinyl Chloride	2.18	62	138287	46.135	ug/l	99
5) Bromomethane	2.53	94	90883	48.464	ug/l	99
6) Chloroethane	2.68	64	90193	49.977	ug/l	99
7) Trichlorofluoromethane	3.00	101	192613	49.013	ug/l	100
8) Diethyl Ether	3.40	74	88492	50.241	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	122858	50.083	ug/l	98
10) Methyl Iodide	3.94	142	181794	50.689	ug/l	100
11) Tert butyl alcohol	4.82	59	146133	248.493	ug/l	98
12) 1,1-Dichloroethene	3.72	96	123869	48.869	ug/l	98
13) Acrolein	3.60	56	93348	221.683	ug/l	99
14) Allyl chloride	4.31	41	203056	46.731	ug/l	98
15) Acrylonitrile	4.99	53	369316	273.491	ug/l	100
16) Acetone	3.82	43	319711	236.304	ug/l	99
17) Carbon Disulfide	4.04	76	264710	36.758	ug/l	99
18) Methyl Acetate	4.33	43	163052	59.521	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	437441	51.746	ug/l	99
20) Methylene Chloride	4.54	84	146351	49.948	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	134312	49.323	ug/l	97
22) Diisopropyl ether	5.96	45	446224	52.799	ug/l	99
23) Vinyl Acetate	5.90	43	1855568	256.080	ug/l	100
24) 1,1-Dichloroethane	5.84	63	248719	50.546	ug/l	99
25) 2-Butanone	6.84	43	501120	265.210	ug/l	99
26) 2,2-Dichloropropane	6.82	77	178275	41.863	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	166464	52.397	ug/l	98
28) Bromochloromethane	7.19	49	121160	51.716	ug/l	100
29) Tetrahydrofuran	7.22	42	323434	270.299	ug/l	99
30) Chloroform	7.37	83	256136	52.195	ug/l	99
31) Cyclohexane	7.65	56	217350	47.048	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	214893	49.073	ug/l	100
36) 1,1-Dichloropropene	7.79	75	186014	47.429	ug/l	99
37) Ethyl Acetate	6.93	43	200188	52.812	ug/l	98
38) Carbon Tetrachloride	7.77	117	177514	43.452	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	216684	44.616	ug/l		99
40) Benzene	8.04	78	592082	50.091	ug/l		100
41) Methacrylonitrile	7.18	41	93636	48.895	ug/l		97
42) 1,2-Dichloroethane	8.12	62	191925	49.691	ug/l		100
43) Isopropyl Acetate	8.17	43	318878	50.068	ug/l	#	92
44) Trichloroethene	8.83	130	163125	49.503	ug/l		100
45) 1,2-Dichloropropane	9.12	63	157586	51.170	ug/l		99
46) Dibromomethane	9.21	93	102256	50.630	ug/l		99
47) Bromodichloromethane	9.40	83	194074	46.862	ug/l		99
48) Methyl methacrylate	9.20	41	153330	52.237	ug/l		99
49) 1,4-Dioxane	9.21	88	63724	1044.705	ug/l		94
51) 4-Methyl-2-Pentanone	9.99	43	986279	262.206	ug/l		99
52) Toluene	10.16	92	371751	50.007	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	206685	46.755	ug/l		100
54) cis-1,3-Dichloropropene	9.84	75	233768	47.735	ug/l		100
55) 1,1,2-Trichloroethane	10.56	97	153477	51.534	ug/l		97
56) Ethyl methacrylate	10.43	69	233771	50.790	ug/l		99
57) 1,3-Dichloropropane	10.71	76	252770	52.215	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	429208	244.015	ug/l		99
59) 2-Hexanone	10.75	43	679468	254.634	ug/l		99
60) Dibromochloromethane	10.90	129	160564	46.280	ug/l		99
61) 1,2-Dibromoethane	11.00	107	157742	51.064	ug/l		98
64) Tetrachloroethene	10.63	164	162829	48.452	ug/l		100
65) Chlorobenzene	11.43	112	397586	49.844	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	151824	47.723	ug/l		99
67) Ethyl Benzene	11.51	91	698749	48.849	ug/l		99
68) m/p-Xylenes	11.62	106	534101	98.766	ug/l		99
69) o-Xylene	11.95	106	264493	49.298	ug/l		99
70) Styrene	11.96	104	438502	50.470	ug/l		100
71) Bromoform	12.13	173	114878	42.335	ug/l	#	100
73) Isopropylbenzene	12.25	105	690671	55.866	ug/l		100
74) N-amyl acetate	12.07	43	252704	53.556	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	214926	58.963	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	177174m	59.468	ug/l		
77) Bromobenzene	12.53	156	182796	49.013	ug/l		99
78) n-propylbenzene	12.59	91	740722	48.762	ug/l		100
79) 2-Chlorotoluene	12.67	91	450294	55.303	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	567848	54.492	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	56781	43.712	ug/l		94
82) 4-Chlorotoluene	12.77	91	435175	48.735	ug/l		100
83) tert-Butylbenzene	12.99	119	499730	55.582	ug/l		100
84) 1,2,4-Trimethylbenzene	13.04	105	562133	53.991	ug/l		99
85) sec-Butylbenzene	13.17	105	642344	54.823	ug/l		99
86) p-Isopropyltoluene	13.29	119	577179	47.553	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	290341	49.164	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	279473	49.776	ug/l		99
89) n-Butylbenzene	13.61	91	438663	47.169	ug/l		99
90) Hexachloroethane	13.87	117	96175	41.629	ug/l		95
91) 1,2-Dichlorobenzene	13.65	146	289951	49.212	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35100	45.324	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139689	41.847	ug/l	98
94) Hexachlorobutadiene	15.01	225	98129	47.223	ug/l	99
95) Naphthalene	15.13	128	398671	49.310	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	154134	49.489	ug/l	99

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

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