Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071719\
Data File : VN056783.D
Acq On : 17 Jul 2019 8:55
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
7/19/2019 1:06:31 AM

Quant Time: Jul 18 01:15:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	325089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	480526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	430077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	200067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	175712	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.72%			
35) Dibromofluoromethane	7.59	113	153377	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.58%			
50) Toluene-d8	10.09	98	598806	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.70%			
62) 4-Bromofluorobenzene	12.40	95	207639	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	140458	46.013	ug/l	98
3) Chloromethane	2.06	50	186310	45.397	ug/l	100
4) Vinyl Chloride	2.18	62	184174	46.601	ug/l	99
5) Bromomethane	2.55	94	111775	48.094	ug/l	95
6) Chloroethane	2.69	64	105861	45.967	ug/l	99
7) Trichlorofluoromethane	3.01	101	239690	47.265	ug/l	99
8) Diethyl Ether	3.40	74	95301	48.202	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	151074	49.586	ug/l	100
10) Methyl Iodide	3.95	142	204722	50.237	ug/l	99
11) Tert butyl alcohol	4.78	59	144899	242.086	ug/l	99
12) 1,1-Dichloroethene	3.73	96	144587	47.312	ug/l	99
13) Acrolein	3.60	56	46066	226.389	ug/l	96
14) Allyl chloride	4.32	41	252847	47.842	ug/l	100
15) Acrylonitrile	4.98	53	421742	243.993	ug/l	99
16) Acetone	3.81	43	463643	279.793	ug/l	100
17) Carbon Disulfide	4.05	76	372460	46.121	ug/l	100
18) Methyl Acetate	4.32	43	174838	46.918	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	464543	47.708	ug/l	99
20) Methylene Chloride	4.55	84	170871	47.185	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	156623	48.484	ug/l	96
22) Diisopropyl ether	5.95	45	520403	49.886	ug/l	96
23) Vinyl Acetate	5.89	43	2139620	253.108	ug/l	100
24) 1,1-Dichloroethane	5.85	63	292721	48.399	ug/l	99
25) 2-Butanone	6.83	43	614290	253.557	ug/l	100
26) 2,2-Dichloropropane	6.82	77	225127	51.623	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	183923	49.480	ug/l	99
28) Bromochloromethane	7.19	49	146305	51.449	ug/l	97
29) Tetrahydrofuran	7.21	42	371182	234.904	ug/l	98
30) Chloroform	7.37	83	288946	47.741	ug/l	99
31) Cyclohexane	7.65	56	278194	48.394	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	240674	50.282	ug/l	99
36) 1,1-Dichloropropene	7.79	75	222117	49.952	ug/l	100
37) Ethyl Acetate	6.92	43	219920	50.181	ug/l	98
38) Carbon Tetrachloride	7.77	117	209236	50.176	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	283705	51.672	ug/l		98
40) Benzene	8.04	78	678875	49.827	ug/l		99
41) Methacrylonitrile	7.18	41	95064m	49.382	ug/l		
42) 1,2-Dichloroethane	8.12	62	212771	49.413	ug/l		99
43) Isopropyl Acetate	8.16	43	352393	51.147	ug/l		100
44) Trichloroethene	8.83	130	186276	50.347	ug/l		95
45) 1,2-Dichloropropane	9.12	63	183537	50.697	ug/l		99
46) Dibromomethane	9.21	93	115593	51.524	ug/l		99
47) Bromodichloromethane	9.40	83	220094	51.626	ug/l		99
48) Methyl methacrylate	9.20	41	168725	50.638	ug/l		98
49) 1,4-Dioxane	9.20	88	72997	1067.700	ug/l		100
51) 4-Methyl-2-Pentanone	9.98	43	1114259	249.701	ug/l		100
52) Toluene	10.15	92	420443	51.962	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	239495	53.845	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	272220	52.741	ug/l		100
55) 1,1,2-Trichloroethane	10.56	97	167773	49.436	ug/l		99
56) Ethyl methacrylate	10.43	69	259944	53.233	ug/l		99
57) 1,3-Dichloropropane	10.71	76	282767	51.014	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.69	63	593050	252.556	ug/l		98
59) 2-Hexanone	10.75	43	847117	264.566	ug/l		100
60) Dibromochloromethane	10.90	129	179085	53.655	ug/l		99
61) 1,2-Dibromoethane	11.00	107	175790	52.120	ug/l		100
64) Tetrachloroethene	10.63	164	187737	50.598	ug/l		98
65) Chlorobenzene	11.43	112	449406	51.104	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	167091	51.606	ug/l		99
67) Ethyl Benzene	11.51	91	797399	51.596	ug/l		100
68) m/p-Xylenes	11.62	106	601514	104.145	ug/l		98
69) o-Xylene	11.94	106	291220	51.287	ug/l		99
70) Styrene	11.96	104	495488	53.974	ug/l		100
71) Bromoform	12.12	173	132548	53.803	ug/l	#	100
73) Isopropylbenzene	12.25	105	776667	48.146	ug/l		100
74) N-amyl acetate	12.07	43	289227	48.142	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	240671	51.583	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	207454m	47.410	ug/l		
77) Bromobenzene	12.52	156	203262	48.173	ug/l		98
78) n-propylbenzene	12.59	91	880505	49.166	ug/l		100
79) 2-Chlorotoluene	12.67	91	524772	53.129	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	667100	48.793	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	72906	51.456	ug/l		98
82) 4-Chlorotoluene	12.77	91	524735	49.928	ug/l		99
83) tert-Butylbenzene	12.99	119	570383	53.622	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	669470	50.122	ug/l		99
85) sec-Butylbenzene	13.17	105	757688	49.873	ug/l		99
86) p-Isopropyltoluene	13.29	119	692351	50.307	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	345174	49.918	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	338141	50.273	ug/l		100
89) n-Butylbenzene	13.61	91	586690	52.922	ug/l		100
90) Hexachloroethane	13.87	117	111525	50.110	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	345371	48.835	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41205	47.635	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	181026	46.604	ug/l	99
94) Hexachlorobutadiene	15.01	225	122019	55.046	ug/l	99
95) Naphthalene	15.13	128	443647	42.168	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	176578	45.818	ug/l	98

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

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