Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052019\
Data File : VN055660.D
Acq On : 20 May 2019 9:02
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
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5/21/2019 12:38:09 PM

Quant Time: May 20 10:55:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	358235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	451994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177611	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.46%			
35) Dibromofluoromethane	7.59	113	164340	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.56%			
50) Toluene-d8	10.09	98	610741	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
62) 4-Bromofluorobenzene	12.40	95	217000	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	123657	44.864	ug/l	99
3) Chloromethane	2.06	50	158901	43.222	ug/l	99
4) Vinyl Chloride	2.18	62	174655	43.872	ug/l	99
5) Bromomethane	2.56	94	116393	45.877	ug/l	99
6) Chloroethane	2.70	64	100763	45.586	ug/l	100
7) Trichlorofluoromethane	3.02	101	237106	46.478	ug/l	98
8) Diethyl Ether	3.41	74	94774	46.245	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	148928	47.885	ug/l	99
10) Methyl Iodide	3.96	142	192288	42.886	ug/l	99
11) Tert butyl alcohol	4.76	59	166233	226.997	ug/l	99
12) 1,1-Dichloroethene	3.74	96	145352	44.428	ug/l	97
13) Acrolein	3.60	56	76357	204.660	ug/l	99
14) Allyl chloride	4.32	41	239129	45.276	ug/l	98
15) Acrylonitrile	4.98	53	374873	230.086	ug/l	99
16) Acetone	3.81	43	446338	278.513	ug/l	99
17) Carbon Disulfide	4.06	76	400774	44.066	ug/l	99
18) Methyl Acetate	4.32	43	154377	44.933	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	485778	44.883	ug/l	97
20) Methylene Chloride	4.55	84	163700	44.760	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	157887	45.303	ug/l	98
22) Diisopropyl ether	5.95	45	459811	43.935	ug/l	99
23) Vinyl Acetate	5.89	43	1999356	225.143	ug/l	99
24) 1,1-Dichloroethane	5.85	63	275684	44.925	ug/l	100
25) 2-Butanone	6.83	43	537708	239.968	ug/l	98
26) 2,2-Dichloropropane	6.82	77	249636	45.836	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	182767	45.035	ug/l	98
28) Bromochloromethane	7.19	49	117860	44.147	ug/l	96
29) Tetrahydrofuran	7.21	42	320724	216.046	ug/l	98
30) Chloroform	7.37	83	278839	44.267	ug/l	100
31) Cyclohexane	7.65	56	253594	43.543	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	250839	44.397	ug/l	99
36) 1,1-Dichloropropene	7.79	75	216671	47.237	ug/l	99
37) Ethyl Acetate	6.92	43	200047	48.331	ug/l	99
38) Carbon Tetrachloride	7.77	117	229516	46.826	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.08	83	269298	48.703 ug/l	97
40) Benzene	8.04	78	645183	47.822 ug/l	100
41) Methacrylonitrile	7.18	41	105870m	59.827 ug/l	
42) 1,2-Dichloroethane	8.12	62	206290	47.219 ug/l	100
43) Isopropyl Acetate	8.16	43	350405	48.668 ug/l	100
44) Trichloroethene	8.83	130	189636	49.814 ug/l	99
45) 1,2-Dichloropropane	9.12	63	168051	47.283 ug/l	98
46) Dibromomethane	9.21	93	111683	48.011 ug/l	97
47) Bromodichloromethane	9.40	83	228115	46.789 ug/l	100
48) Methyl methacrylate	9.20	41	151496	47.076 ug/l	97
49) 1,4-Dioxane	9.20	88	70104	1096.295 ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	973599	230.529 ug/l	99
52) Toluene	10.16	92	411581	48.639 ug/l	99
53) t-1,3-Dichloropropene	10.38	75	260770	49.696 ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	281237	48.924 ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	164714	47.282 ug/l	100
56) Ethyl methacrylate	10.43	69	253963	46.700 ug/l	97
57) 1,3-Dichloropropane	10.71	76	266566	48.314 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	538298	232.963 ug/l	99
59) 2-Hexanone	10.75	43	730538	245.687 ug/l	98
60) Dibromochloromethane	10.90	129	199431	50.511 ug/l	99
61) 1,2-Dibromoethane	11.00	107	171851	49.303 ug/l	99
64) Tetrachloroethene	10.63	164	179302	50.295 ug/l	98
65) Chlorobenzene	11.43	112	448025	49.007 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	177914	48.375 ug/l	99
67) Ethyl Benzene	11.51	91	779579	47.868 ug/l	99
68) m/p-Xylenes	11.62	106	601209	97.755 ug/l	98
69) o-Xylene	11.95	106	288925	48.031 ug/l	98
70) Styrene	11.96	104	497378	49.729 ug/l	99
71) Bromoform	12.13	173	161193	51.718 ug/l	100
73) Isopropylbenzene	12.25	105	773432	50.684 ug/l	99
74) N-amyl acetate	12.07	43	274023	44.848 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	228739	47.771 ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	190722m	42.954 ug/l	
77) Bromobenzene	12.53	156	207023	46.326 ug/l	95
78) n-propylbenzene	12.59	91	859695	44.490 ug/l	99
79) 2-Chlorotoluene	12.67	91	509683	49.261 ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	650086	49.829 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	79013	45.744 ug/l	97
82) 4-Chlorotoluene	12.77	91	512653	45.028 ug/l	99
83) tert-Butylbenzene	12.99	119	567490	51.317 ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	648464	49.779 ug/l	100
85) sec-Butylbenzene	13.17	105	738564	50.804 ug/l	100
86) p-Isopropyltoluene	13.29	119	680259	50.233 ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	354029	47.914 ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	344989	48.900 ug/l	99
89) n-Butylbenzene	13.61	91	563288	47.175 ug/l	100
90) Hexachloroethane	13.87	117	132128	51.106 ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	346534	47.048 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44514	45.077 ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	200615	53.508	ug/l	100
94) Hexachlorobutadiene	15.01	225	121475	53.910	ug/l	98
95) Naphthalene	15.13	128	512603	45.468	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	194772	49.685	ug/l	99

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

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