

Data File : VN051395.D
Acq On : 22 Sep 2018 13:56
Operator : MD\SY
Sample : VSTDIC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:20 PM

Quant Time: Sep 24 06:03:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	560204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	781436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	728816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	405492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1051842	149.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.78%	
35) Dibromofluoromethane	7.59	113	946702	151.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.00%	
50) Toluene-d8	10.09	98	3827140	162.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	325.28%	
62) 4-Bromofluorobenzene	12.40	95	1277945	167.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	335.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	746562	142.843	ug/l	99
3) Chloromethane	2.06	50	1199725	144.200	ug/l	99
4) Vinyl Chloride	2.18	62	1366866	148.853	ug/l	99
5) Bromomethane	2.55	94	838653	152.279	ug/l	98
6) Chloroethane	2.69	64	841941	147.144	ug/l	98
7) Trichlorofluoromethane	3.01	101	1669023	138.762	ug/l	100
8) Diethyl Ether	3.41	74	538085	148.281	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	884516	130.303	ug/l	97
10) Methyl Iodide	3.95	142	1345777	148.692	ug/l	99
11) Tert butyl alcohol	4.79	59	303994	768.527	ug/l #	92
12) 1,1-Dichloroethene	3.73	96	839537	134.695	ug/l	97
13) Acrolein	3.61	56	283793	721.600	ug/l	99
14) Allyl chloride	4.32	41	1530677	146.372	ug/l	98
15) Acrylonitrile	4.99	53	1617312	750.677	ug/l	100
16) Acetone	3.82	43	1070260	732.741	ug/l	97
17) Carbon Disulfide	4.05	76	2559289	139.761	ug/l	100
18) Methyl Acetate	4.32	43	762604	142.688	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2430120	151.195	ug/l	99
20) Methylene Chloride	4.55	84	970235	139.719	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	913718	143.302	ug/l	98
22) Diisopropyl ether	5.95	45	3077838	152.262	ug/l	97
23) Vinyl Acetate	5.90	43	10521884	792.851	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1758876	145.833	ug/l	100
25) 2-Butanone	6.84	43	1799771	749.300	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1401581	148.871	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1049216	149.969	ug/l	98
28) Bromochloromethane	7.20	49	827007	148.485	ug/l	97
29) Tetrahydrofuran	7.21	42	1211860	796.158	ug/l	99
30) Chloroform	7.37	83	1753595	146.735	ug/l	100
31) Cyclohexane	7.65	56	1629025	147.422	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1533677	150.115	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1379986	152.499	ug/l	99
37) Ethyl Acetate	6.93	43	810203	155.719	ug/l	99
38) Carbon Tetrachloride	7.78	117	1430658	151.152	ug/l	98

Data File : VN051395.D
Acq On : 22 Sep 2018 13:56
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:20 PM

Quant Time: Sep 24 06:03:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1694875	160.219	ug/l	99
40) Benzene	8.04	78	4009428	150.899	ug/l	99
41) Methacrylonitrile	7.18	41	456623	158.633	ug/l	98
42) 1,2-Dichloroethane	8.13	62	1281149	150.584	ug/l	100
43) Isopropyl Acetate	8.17	43	1506425	160.116	ug/l	99
44) Trichloroethene	8.84	130	1067389	151.245	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1090687	151.009	ug/l	99
46) Dibromomethane	9.21	93	628904	154.107	ug/l	98
47) Bromodichloromethane	9.40	83	1384806	153.338	ug/l	99
48) Methyl methacrylate	9.20	41	775975	165.430	ug/l	99
49) 1,4-Dioxane	9.20	88	181743	3161.476	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	4256595	822.653	ug/l	99
52) Toluene	10.16	92	2662296	161.229	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1500280	164.548	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1708865	161.618	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	892365	152.914	ug/l	99
56) Ethyl methacrylate	10.43	69	1215931	170.418	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1547192	154.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3079482	752.917	ug/l	99
59) 2-Hexanone	10.75	43	2694351	803.262	ug/l	99
60) Dibromochloromethane	10.90	129	1086193	157.751	ug/l	100
61) 1,2-Dibromoethane	11.01	107	899065	158.702	ug/l	99
64) Tetrachloroethene	10.63	164	970619	146.744	ug/l	98
65) Chlorobenzene	11.43	112	2837747	151.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1071691	150.431	ug/l	99
67) Ethyl Benzene	11.51	91	4958633	157.352	ug/l	100
68) m/p-Xylenes	11.62	106	3810492	312.606	ug/l	100
69) o-Xylene	11.95	106	1826211	155.844	ug/l	97
70) Styrene	11.96	104	2990506	161.052	ug/l	99
71) Bromoform	12.13	173	760972	157.418	ug/l #	99
73) Isopropylbenzene	12.25	105	4994139	145.972	ug/l	99
74) N-amyl acetate	12.07	43	1352420	157.548	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	1089872	136.607	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	921274m	140.845	ug/l	
77) Bromobenzene	12.53	156	1249035	144.214	ug/l	99
78) n-propylbenzene	12.59	91	5794528	150.277	ug/l	99
79) 2-Chlorotoluene	12.67	91	3292375	142.646	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	4105290	147.156	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	357783	163.436	ug/l	95
82) 4-Chlorotoluene	12.77	91	3393390	147.304	ug/l	99
83) tert-Butylbenzene	12.99	119	3642900	146.708	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4170014	148.338	ug/l	99
85) sec-Butylbenzene	13.17	105	4978713	148.210	ug/l	99
86) p-Isopropyltoluene	13.29	119	4447292	153.001	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2228088	148.659	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2167115	150.272	ug/l	99
89) n-Butylbenzene	13.62	91	3855951	161.322	ug/l	99
90) Hexachloroethane	13.87	117	812562	140.302	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	2086346	143.467	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	170088	149.389	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Quantitation Report (QT Reviewed)

Data File : VN051395.D
Acq On : 22 Sep 2018 13:56
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:20 PM

Quant Time: Sep 24 06:03:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1306258	152.661	ug/l	99
94) Hexachlorobutadiene	15.01	225	760308	138.183	ug/l	99
95) Naphthalene	15.13	128	2622109	153.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1224002	175.388	ug/l	99

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

MMDadoda
9/24/2018 2:15:20 PM

[illegible]