

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067263.D
 Acq On : 10 Jun 2021 11:10
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:07:34 PM

Quant Time: Jun 10 11:38:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 11:15:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	360009	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	690359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	642183	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	285276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	705533	131.177	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 262.360%#	
35) Dibromofluoromethane	8.024	113	459820	109.868	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 219.740%#	
50) Toluene-d8	10.443	98	1834961	98.382	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 196.760%#	
62) 4-Bromofluorobenzene	12.733	95	751379	109.755	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 219.500%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	482724	137.923	ug/l	100
3) Chloromethane	2.301	50	587766	111.824	ug/l	97
4) Vinyl Chloride	2.443	62	587922	57.930	ug/l	98
5) Bromomethane	2.818	94	233212	28.035	ug/l	99
6) Chloroethane	2.995	64	330349	40.355	ug/l	99
7) Trichlorofluoromethane	3.360	101	743112	34.252	ug/l	95
8) Diethyl Ether	3.819	74	317714	111.508	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.197	101	432907	139.120	ug/l #	83
10) Methyl Iodide	4.411	142	511299	135.137	ug/l #	81
11) Tert butyl alcohol	5.398	59	606991	732.973	ug/l #	82
12) 1,1-Dichloroethene	4.167	96	412095	132.602	ug/l #	72
13) Acrolein	4.038	56	247932	564.545	ug/l	93
14) Allyl chloride	4.832	41	1025707	160.770	ug/l #	86
15) Acrylonitrile	5.559	53	1369102	713.508	ug/l	99
16) Acetone	4.293	43	1323046	786.082	ug/l	90
17) Carbon Disulfide	4.519	76	1215030	132.463	ug/l	99
18) Methyl Acetate	4.856	43	839041	156.342	ug/l #	87
19) Methyl tert-butyl Ether	5.621	73	1692371	134.277	ug/l	97
20) Methylene Chloride	5.090	84	517596	127.483	ug/l #	82
21) trans-1,2-Dichloroethene	5.591	96	455503	116.029	ug/l #	79
22) Diisopropyl ether	6.503	45	1857692	134.327	ug/l #	88
23) Vinyl Acetate	6.439	43	8899672	678.246	ug/l #	91
24) 1,1-Dichloroethane	6.385	63	1036229	133.862	ug/l	96
25) 2-Butanone	7.343	43	2213613	718.037	ug/l #	86
26) 2,2-Dichloropropane	7.327	77	973110	131.914	ug/l	92
27) cis-1,2-Dichloroethene	7.324	96	558713	116.866	ug/l	78
28) Bromochloromethane	7.659	49	508642	124.521	ug/l #	63
29) Tetrahydrofuran	7.691	42	1296431	678.194	ug/l #	82
30) Chloroform	7.820	83	1028261	120.764	ug/l	99
31) Cyclohexane	8.096	56	823326	119.788	ug/l	85
32) 1,1,1-Trichloroethane	8.016	97	946403	121.947	ug/l #	95
36) 1,1-Dichloropropene	8.222	75	777710	122.022	ug/l	93
37) Ethyl Acetate	7.418	43	909889	135.300	ug/l	93
38) Carbon Tetrachloride	8.206	117	814093	120.026	ug/l	97
39) Methylcyclohexane	9.461	83	818461	111.644	ug/l #	87
40) Benzene	8.461	78	2231067	112.321	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067263.D
 Acq On : 10 Jun 2021 11:10
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:07:34 PM

Quant Time: Jun 10 11:38:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 11:15:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	495130	142.054	ug/l #	77
42) 1,2-Dichloroethane	8.533	62	917072	129.579	ug/l	92
43) Isopropyl Acetate	8.566	43	1646955	132.849	ug/l #	89
44) Trichloroethene	9.217	130	515309	106.694	ug/l	74
45) 1,2-Dichloropropane	9.494	63	635402	124.480	ug/l	99
46) Dibromomethane	9.579	93	401446	109.820	ug/l #	77
47) Bromodichloromethane	9.764	83	892956	122.386	ug/l	99
48) Methyl methacrylate	9.563	41	773588	139.572	ug/l #	77
49) 1,4-Dioxane	9.574	88	180682	2128.217	ug/l #	76
51) 4-Methyl-2-Pentanone	10.336	43	4920472	621.177	ug/l	88
52) Toluene	10.507	92	1406777	99.126	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	1051076	118.858	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	1057383	119.150	ug/l #	79
55) 1,1,2-Trichloroethane	10.902	97	542770	103.322	ug/l	96
56) Ethyl methacrylate	10.765	69	1010951	115.125	ug/l #	72
57) 1,3-Dichloropropane	11.049	76	1007969	114.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	1236296	636.698	ug/l	90
59) 2-Hexanone	11.089	43	3528909	625.743	ug/l	86
60) Dibromochloromethane	11.242	129	626015	104.045	ug/l	99
61) 1,2-Dibromoethane	11.349	107	563998	104.797	ug/l	99
64) Tetrachloroethene	10.979	164	452431	104.362	ug/l	89
65) Chlorobenzene	11.773	112	1466838	108.256	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	562074	111.678	ug/l	98
67) Ethyl Benzene	11.848	91	2887802	114.690	ug/l	94
68) m/p-Xylenes	11.956	106	2071764	210.596	ug/l	83
69) o-Xylene	12.283	106	1015130	105.624	ug/l	83
70) Styrene	12.296	104	1739739	105.865	ug/l #	91
71) Bromoform	12.460	173	417407	102.567	ug/l #	100
73) Isopropylbenzene	12.581	105	2723858	115.866	ug/l	96
74) N-amyl acetate	12.390	43	1401312	142.431	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	817170	123.663	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	778872m	133.377	ug/l	
77) Bromobenzene	12.862	156	551324	111.020	ug/l #	52
78) n-propylbenzene	12.921	91	3276715	123.323	ug/l	92
79) 2-Chlorotoluene	13.106	91	2017099	126.406	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	2359925	119.123	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	310744	132.192	ug/l #	82
82) 4-Chlorotoluene	13.010	91	1959316	127.143	ug/l	89
83) tert-Butylbenzene	13.326	119	1953959	115.732	ug/l	84
84) 1,2,4-Trimethylbenzene	13.369	105	2348150	119.333	ug/l	92
85) sec-Butylbenzene	13.503	105	2724881	115.999	ug/l	94
86) p-Isopropyltoluene	13.618	119	2330276	114.805	ug/l	91
87) 1,3-Dichlorobenzene	13.618	146	1027223	108.693	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	1022121	108.617	ug/l	94
89) n-Butylbenzene	13.943	91	2190835	122.404	ug/l	95
90) Hexachloroethane	14.211	117	415481	122.994	ug/l	73
91) 1,2-Dichlorobenzene	13.991	146	974798	107.364	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	195473	145.975	ug/l	57
93) 1,2,4-Trichlorobenzene	15.265	180	531363	118.339	ug/l	96
94) Hexachlorobutadiene	15.372	225	287753	136.644	ug/l	99
95) Naphthalene	15.507	128	1589080	120.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	490983	116.685	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
Data File : VN067263.D
Acq On : 10 Jun 2021 11:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
6/11/2021 6:07:34 PM

Quant Time: Jun 10 11:38:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 11:15:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

