

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068736.D
 Acq On : 29 Sep 2021 12:34
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:11 PM

Quant Time: Sep 29 13:51:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 13:49:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	424180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	738368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	672609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	294617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	117153	14.389	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	28.780%#		
35) Dibromofluoromethane	8.021	113	91708	20.013	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	40.020%#		
50) Toluene-d8	10.443	98	342204	18.027	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	36.060%#		
62) 4-Bromofluorobenzene	12.734	95	112110	16.566	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	33.140%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	96903	14.800	ug/l	96
3) Chloromethane	2.303	50	102232	14.029	ug/l	99
4) Vinyl Chloride	2.445	62	197701	27.228	ug/l	98
5) Bromomethane	2.869	94	159680	35.722	ug/l	98
6) Chloroethane	3.025	64	166328	33.563	ug/l	97
7) Trichlorofluoromethane	3.379	101	166809	16.588	ug/l	99
8) Diethyl Ether	3.835	74	56471	13.915	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.216	101	96877	17.542	ug/l	93
10) Methyl Iodide	4.425	142	90870	15.322	ug/l	91
11) Tert butyl alcohol	5.366	59	85876	66.202	ug/l	# 85
12) 1,1-Dichloroethene	4.191	96	79423	14.779	ug/l	82
13) Acrolein	4.052	56	12426	12.619	ug/l	100
14) Allyl chloride	4.849	41	129765	11.207	ug/l	# 85
15) Acrylonitrile	5.557	53	236669	68.023	ug/l	98
16) Acetone	4.285	43	246861	79.351	ug/l	94
17) Carbon Disulfide	4.535	76	168926	9.998	ug/l	97
18) Methyl Acetate	4.857	43	150136	16.891	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	339173	15.721	ug/l	99
20) Methylene Chloride	5.103	84	103861	14.253	ug/l	87
21) trans-1,2-Dichloroethene	5.602	96	91886	15.725	ug/l	85
22) Diisopropyl ether	6.495	45	323639	13.997	ug/l	# 93
23) Vinyl Acetate	6.434	43	1268803	65.289	ug/l	# 95
24) 1,1-Dichloroethane	6.393	63	188554	14.886	ug/l	98
25) 2-Butanone	7.335	43	357000	74.317	ug/l	94
26) 2,2-Dichloropropane	7.327	77	183008	16.690	ug/l	81
27) cis-1,2-Dichloroethene	7.324	96	121407	17.334	ug/l	85
28) Bromochloromethane	7.659	49	89855	14.809	ug/l	# 77
29) Tetrahydrofuran	7.683	42	223794	74.049	ug/l	90
30) Chloroform	7.820	83	226129	18.211	ug/l	100
31) Cyclohexane	8.096	56	153904	12.255	ug/l	90
32) 1,1,1-Trichloroethane	8.019	97	199750	19.069	ug/l	98
36) 1,1-Dichloropropene	8.222	75	143198	18.000	ug/l	95
37) Ethyl Acetate	7.412	43	131572	15.797	ug/l	97
38) Carbon Tetrachloride	8.209	117	171991	24.072	ug/l	96
39) Methylcyclohexane	9.462	83	167867	18.282	ug/l	89
40) Benzene	8.461	78	446160	18.958	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068736.D
 Acq On : 29 Sep 2021 12:34
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:11 PM

Quant Time: Sep 29 13:51:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 13:49:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	63979	15.162	ug/l #	78
42) 1,2-Dichloroethane	8.531	62	176101	20.321	ug/l	96
43) Isopropyl Acetate	8.560	43	262340	18.073	ug/l	98
44) Trichloroethene	9.217	130	117945	24.183	ug/l	92
45) 1,2-Dichloropropane	9.491	63	118017	18.461	ug/l	99
46) Dibromomethane	9.580	93	90156	22.379	ug/l	94
47) Bromodichloromethane	9.762	83	183623	22.349	ug/l	96
48) Methyl methacrylate	9.561	41	106514	16.945	ug/l #	81
49) 1,4-Dioxane	9.566	88	33508	365.320	ug/l	91
51) 4-Methyl-2-Pentanone	10.330	43	799425	93.663	ug/l	97
52) Toluene	10.507	92	299712	21.364	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	181783	20.021	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	192157	19.438	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	126756	23.283	ug/l	96
56) Ethyl methacrylate	10.762	69	177759	18.636	ug/l	93
57) 1,3-Dichloropropane	11.047	76	201211	19.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	153785	72.038	ug/l #	89
59) 2-Hexanone	11.087	43	544493	90.738	ug/l	96
60) Dibromochloromethane	11.240	129	138566	27.314	ug/l	99
61) 1,2-Dibromoethane	11.347	107	123756	23.153	ug/l	100
64) Tetrachloroethene	10.980	164	106730	24.292	ug/l	97
65) Chlorobenzene	11.773	112	320247	22.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	134290	28.097	ug/l	97
67) Ethyl Benzene	11.848	91	578360	20.717	ug/l	96
68) m/p-Xylenes	11.956	106	433322	45.068	ug/l	88
69) o-Xylene	12.283	106	211283	22.288	ug/l	89
70) Styrene	12.296	104	347270	22.335	ug/l	93
71) Bromoform	12.463	173	88339	27.476	ug/l #	99
73) Isopropylbenzene	12.581	105	565765	19.529	ug/l	98
74) N-amyl acetate	12.390	43	183414	13.717	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	168283	18.188	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	139900m	17.242	ug/l	
77) Bromobenzene	12.862	156	124215	22.653	ug/l	74
78) n-propylbenzene	12.921	91	645695	18.280	ug/l	96
79) 2-Chlorotoluene	13.010	91	374408	17.724	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	465580	19.718	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	47251	16.059	ug/l	98
82) 4-Chlorotoluene	13.106	91	370786	17.836	ug/l	91
83) tert-Butylbenzene	13.326	119	406917	21.442	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	467238	20.088	ug/l	96
85) sec-Butylbenzene	13.503	105	586738	20.793	ug/l	97
86) p-Isopropyltoluene	13.619	119	474842	22.277	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	234724	23.375	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	230409	23.017	ug/l	96
89) n-Butylbenzene	13.946	91	404376	19.371	ug/l	98
90) Hexachloroethane	14.214	117	91772	22.780	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	230430	23.710	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	30420	18.533	ug/l	74
93) 1,2,4-Trichlorobenzene	15.268	180	105295	23.988	ug/l	98
94) Hexachlorobutadiene	15.373	225	56884	25.401	ug/l	98
95) Naphthalene	15.509	128	254610	19.297	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	100459	24.767	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
Data File : VN068736.D
Acq On : 29 Sep 2021 12:34
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
9/30/2021 6:18:11 PM

Quant Time: Sep 29 13:51:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 29 13:49:35 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068736.D
 Acq On : 29 Sep 2021 12:34
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:11 PM

Quant Time: Sep 29 13:51:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 13:49:35 2021
 Response via : Initial Calibration

