

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067476.D
 Acq On : 24 Jun 2021 11:56
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:22:31 PM

Quant Time: Jun 24 12:12:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 11:57:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	296699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	638345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	582576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	234275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	986453	167.568	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 335.140%#			
35) Dibromofluoromethane	8.024	113	629565	150.914	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 301.820%#			
50) Toluene-d8	10.443	98	2644451	161.235	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 322.480%#			
62) 4-Bromofluorobenzene	12.733	95	1003536	153.073	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 306.140%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.067	85	767220	172.723	ug/l	100
3) Chloromethane	2.295	50	831143	176.014	ug/l	100
4) Vinyl Chloride	2.440	62	764482	169.919	ug/l	97
5) Bromomethane	2.813	94	366710	179.646	ug/l	99
6) Chloroethane	2.979	64	467709	166.784	ug/l	98
7) Trichlorofluoromethane	3.352	101	1125232	176.240	ug/l	99
8) Diethyl Ether	3.816	74	461317	178.084	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.191	101	628079	166.837	ug/l	95
10) Methyl Iodide	4.409	142	743152	211.951	ug/l	94
11) Tert butyl alcohol	5.396	59	753721	778.694	ug/l	98
12) 1,1-Dichloroethene	4.164	96	628875	171.769	ug/l	99
13) Acrolein	4.033	56	648175	987.910	ug/l	100
14) Allyl chloride	4.830	41	1344783	166.580	ug/l	96
15) Acrylonitrile	5.556	53	2039936	928.972	ug/l	99
16) Acetone	4.288	43	1662163	731.633	ug/l	93
17) Carbon Disulfide	4.516	76	2080000	174.904	ug/l	98
18) Methyl Acetate	4.854	43	937781	167.648	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	2521270	173.570	ug/l	97
20) Methylene Chloride	5.090	84	788127	162.885	ug/l	97
21) trans-1,2-Dichloroethene	5.589	96	672096	166.875	ug/l	95
22) Diisopropyl ether	6.500	45	2686570	177.697	ug/l	96
23) Vinyl Acetate	6.433	43	11797944	861.688	ug/l	99
24) 1,1-Dichloroethane	6.382	63	1478621	175.244	ug/l	99
25) 2-Butanone	7.340	43	2764081	842.031	ug/l	100
26) 2,2-Dichloropropane	7.324	77	1247475	149.903	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	776609	163.137	ug/l	98
28) Bromochloromethane	7.656	49	743926	188.053	ug/l	89
29) Tetrahydrofuran	7.686	42	1789841	861.975	ug/l	99
30) Chloroform	7.817	83	1424392	163.112	ug/l	100
31) Cyclohexane	8.094	56	1373741	165.931	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	1222281	155.278	ug/l	98
36) 1,1-Dichloropropene	8.220	75	1124176	156.260	ug/l	98
37) Ethyl Acetate	7.415	43	1171402	153.851	ug/l	98
38) Carbon Tetrachloride	8.206	117	1007726	135.224	ug/l	100
39) Methylcyclohexane	9.459	83	1258653	164.580	ug/l	97
40) Benzene	8.461	78	3198162	158.356	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067476.D
 Acq On : 24 Jun 2021 11:56
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:22:31 PM

Quant Time: Jun 24 12:12:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 11:57:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	625172	159.623	ug/l	98
42) 1,2-Dichloroethane	8.531	62	1219695	146.710	ug/l	100
43) Isopropyl Acetate	8.563	43	2098107	154.632	ug/l	98
44) Trichloroethene	9.217	130	658573	143.501	ug/l	97
45) 1,2-Dichloropropane	9.494	63	899402	165.828	ug/l	99
46) Dibromomethane	9.577	93	544736	150.804	ug/l	95
47) Bromodichloromethane	9.764	83	1172767	146.255	ug/l	99
48) Methyl methacrylate	9.563	41	920770	149.888	ug/l	96
49) 1,4-Dioxane	9.574	88	260906	3093.457	ug/l	99
51) 4-Methyl-2-Pentanone	10.336	43	6022077	768.904	ug/l	100
52) Toluene	10.507	92	1877907	148.890	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	1391582	156.139	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	1468615	160.795	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	738198	151.081	ug/l	98
56) Ethyl methacrylate	10.765	69	1394485	159.252	ug/l	97
57) 1,3-Dichloropropane	11.046	76	1412452	157.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	1798558	728.220	ug/l	95
59) 2-Hexanone	11.089	43	4357336	762.538	ug/l	99
60) Dibromochloromethane	11.240	129	742578	143.467	ug/l	98
61) 1,2-Dibromoethane	11.349	107	750690	148.470	ug/l	99
64) Tetrachloroethene	10.979	164	533494	130.996	ug/l	97
65) Chlorobenzene	11.773	112	1868032	148.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	652850	141.085	ug/l	98
67) Ethyl Benzene	11.848	91	3745139	149.458	ug/l	99
68) m/p-Xylenes	11.956	106	2596292	293.976	ug/l	100
69) o-Xylene	12.283	106	1274807	147.036	ug/l	98
70) Styrene	12.296	104	2166812	151.106	ug/l	98
71) Bromoform	12.460	173	489924	140.890	ug/l #	100
73) Isopropylbenzene	12.581	105	3420478	149.853	ug/l	99
74) N-amyl acetate	12.390	43	1832402	164.639	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	1124567	163.377	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	941144m	149.726	ug/l	
77) Bromobenzene	12.862	156	645930	141.053	ug/l	86
78) n-propylbenzene	12.924	91	4378386	160.156	ug/l	97
79) 2-Chlorotoluene	13.010	91	2609435	154.562	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	2882808	150.704	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	415657	166.326	ug/l	93
82) 4-Chlorotoluene	13.106	91	2657219	158.619	ug/l	96
83) tert-Butylbenzene	13.326	119	2297943	151.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	2843034	150.633	ug/l	99
85) sec-Butylbenzene	13.503	105	3451720	158.895	ug/l	98
86) p-Isopropyltoluene	13.618	119	2629182	151.793	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	1194150	145.384	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	1215119	147.030	ug/l	99
89) n-Butylbenzene	13.943	91	2715007	165.130	ug/l	98
90) Hexachloroethane	14.211	117	547102	162.605	ug/l	89
91) 1,2-Dichlorobenzene	13.991	146	1174365	149.592	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	231910	141.166	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	613118	153.053	ug/l	99
94) Hexachlorobutadiene	15.372	225	268620	118.544	ug/l	99
95) Naphthalene	15.507	128	2068299	168.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	584102	151.897	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067476.D
Acq On : 24 Jun 2021 11:56
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
6/25/2021 6:22:31 PM

Quant Time: Jun 24 12:12:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 11:57:20 2021
Response via : Initial Calibration

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

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

