

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068739.D
 Acq On : 29 Sep 2021 13:50
 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
 9/30/2021 6:18:15 PM

Quant Time: Sep 29 14:08:45 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	8.086	168	545182	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	918077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	947985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	465772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1117785	106.820	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 213.640%#			
35) Dibromofluoromethane	8.021	113	930402	163.295	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 326.580%#			
50) Toluene-d8	10.443	98	3676843	155.776	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 311.560%#			
62) 4-Bromofluorobenzene	12.734	95	1443976	171.600	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 343.200%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	813158	96.627	ug/l	100
3) Chloromethane	2.298	50	722280	77.117	ug/l	97
4) Vinyl Chloride	2.443	62	1448895	155.258	ug/l	97
5) Bromomethane	2.821	94	1022298	177.939	ug/l	98
7) Trichlorofluoromethane	3.363	101	1345368	104.091	ug/l	100
8) Diethyl Ether	3.821	74	466206	89.379	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.208	101	784135	110.470	ug/l	94
10) Methyl Iodide	4.419	142	832663	109.239	ug/l	93
11) Tert butyl alcohol	5.369	59	741441	444.720	ug/l	99
12) 1,1-Dichloroethene	4.181	96	681026	98.598	ug/l	85
13) Acrolein	4.039	56	120932	95.553	ug/l	99
14) Allyl chloride	4.841	41	1165432	78.311	ug/l #	90
15) Acrylonitrile	5.551	53	2089154	467.189	ug/l	100
16) Acetone	4.283	43	1706932	426.898	ug/l	93
17) Carbon Disulfide	4.532	76	1485610	68.413	ug/l	98
18) Methyl Acetate	4.849	43	1258975	110.202	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	3073000	110.823	ug/l	98
20) Methylene Chloride	5.095	84	853910	91.174	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	812189	108.147	ug/l	85
22) Diisopropyl ether	6.493	45	2912960	98.023	ug/l #	94
23) Vinyl Acetate	6.431	43	11787890	471.942	ug/l #	93
24) 1,1-Dichloroethane	6.385	63	1580249	97.065	ug/l	98
25) 2-Butanone	7.332	43	2965814	480.365	ug/l	91
26) 2,2-Dichloropropane	7.327	77	1586308	112.563	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	1060976	117.862	ug/l	84
28) Bromochloromethane	7.659	49	819736	105.117	ug/l #	70
29) Tetrahydrofuran	7.681	42	1891121	486.851	ug/l	87
30) Chloroform	7.818	83	1882137	117.936	ug/l	100
31) Cyclohexane	8.096	56	1237350	76.662	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1728807	128.409	ug/l	96
36) 1,1-Dichloropropene	8.223	75	1249503	126.315	ug/l	96
37) Ethyl Acetate	7.413	43	1222772	118.075	ug/l	98
38) Carbon Tetrachloride	8.206	117	1507824	169.725	ug/l	97
39) Methylcyclohexane	9.462	83	1497029	131.124	ug/l	88
40) Benzene	8.461	78	3784882	129.344	ug/l	99
41) Methacrylonitrile	7.635	41	612447	116.732	ug/l #	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068739.D
 Acq On : 29 Sep 2021 13:50
 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
 9/30/2021 6:18:15 PM

Quant Time: Sep 29 14:08:45 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)
42) 1,2-Dichloroethane	8.528	62	1445125	134.114	ug/l	97
43) Isopropyl Acetate	8.560	43	2252689	124.811	ug/l	97
44) Trichloroethene	9.217	130	1019640	168.141	ug/l	86
45) 1,2-Dichloropropane	9.491	63	985217	123.949	ug/l	99
46) Dibromomethane	9.577	93	769591	153.640	ug/l	94
47) Bromodichloromethane	9.762	83	1575818	154.255	ug/l	97
48) Methyl methacrylate	9.561	41	1056861	135.221	ug/l	91
49) 1,4-Dioxane	9.569	88	314586	2758.408	ug/l	85
51) 4-Methyl-2-Pentanone	10.333	43	7271899	685.222	ug/l	94
52) Toluene	10.508	92	2774319	159.051	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	1800781	159.509	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	1764016	143.510	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	1131131	167.103	ug/l	97
56) Ethyl methacrylate	10.762	69	1778018	149.914	ug/l	90
57) 1,3-Dichloropropane	11.047	76	1780578	142.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	2294508	864.437	ug/l #	89
59) 2-Hexanone	11.087	43	5005666	670.889	ug/l	93
60) Dibromochloromethane	11.242	129	1364575	216.335	ug/l	99
61) 1,2-Dibromoethane	11.347	107	1164320	175.186	ug/l	99
64) Tetrachloroethene	10.980	164	927269	149.744	ug/l	96
65) Chlorobenzene	11.773	112	3152625	160.526	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	1289696	191.455	ug/l	99
67) Ethyl Benzene	11.846	91	5841225	148.453	ug/l	96
68) m/p-Xylenes	11.956	106	4484671	330.943	ug/l	86
69) o-Xylene	12.283	106	2272279	170.074	ug/l	86
70) Styrene	12.296	104	3919991	178.879	ug/l	92
71) Bromoform	12.460	173	1003435	221.438	ug/l #	99
73) Isopropylbenzene	12.581	105	6026169	131.575	ug/l	96
74) N-amyl acetate	12.390	43	2011603	95.162	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	1569636	107.309	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	1431404m	111.587	ug/l	
77) Bromobenzene	12.862	156	1365031	157.462	ug/l	70
78) n-propylbenzene	12.924	91	6855360	122.759	ug/l	95
79) 2-Chlorotoluene	13.010	91	3929316	117.658	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	4900817	131.290	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	555567	119.435	ug/l	89
82) 4-Chlorotoluene	13.106	91	3993315	121.506	ug/l	90
83) tert-Butylbenzene	13.326	119	4387594	146.239	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	4900100	133.257	ug/l	93
85) sec-Butylbenzene	13.503	105	6321818	141.713	ug/l	95
86) p-Isopropyltoluene	13.619	119	5419783	160.829	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	2610482	164.435	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	2472111	156.206	ug/l	95
89) n-Butylbenzene	13.943	91	4621491	140.034	ug/l	97
90) Hexachloroethane	14.214	117	985807	154.778	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	2341124	152.372	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	292159	112.590	ug/l	64
93) 1,2,4-Trichlorobenzene	15.265	180	1299763	187.298	ug/l	99
94) Hexachlorobutadiene	15.373	225	565050	159.601	ug/l	99
95) Naphthalene	15.509	128	3529735	169.213	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	1197503	186.744	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
Data File : VN068739.D
Acq On : 29 Sep 2021 13:50
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
9/30/2021 6:18:15 PM

Quant Time: Sep 29 14:08:45 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						

