

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090721\
 Data File : VN068422.D
 Acq On : 7 Sep 2021 14:55
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 8:15:57 PM

Quant Time: Sep 08 10:40:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 10:37:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	613193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	911307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	831684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	411260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	94880	15.443	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	30.880%#		
35) Dibromofluoromethane	8.027	113	90260	15.753	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	31.500%#		
50) Toluene-d8	10.446	98	324664	15.260	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	30.520%#		
62) 4-Bromofluorobenzene	12.733	95	101759	14.705	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	29.420%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.078	85	95852	18.824	ug/l	99
3) Chloromethane	2.309	50	92776	17.567	ug/l	96
4) Vinyl Chloride	2.448	62	149799	18.647	ug/l	97
5) Bromomethane	2.853	94	141575	18.290	ug/l	99
6) Chloroethane	3.022	64	108353	18.721	ug/l	97
7) Trichlorofluoromethane	3.379	101	182290	12.038	ug/l	99
8) Diethyl Ether	3.837	74	55963	12.969	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.221	101	101301	19.660	ug/l	97
10) Methyl Iodide	4.430	142	146820	22.004	ug/l	99
11) Tert butyl alcohol	5.371	59	80724	99.005	ug/l #	84
12) 1,1-Dichloroethene	4.191	96	92570	19.210	ug/l	99
13) Acrolein	4.049	56	37402	72.618	ug/l	99
14) Allyl chloride	4.851	41	117640	19.469	ug/l	98
15) Acrylonitrile	5.559	53	208567	93.704	ug/l	98
16) Acetone	4.293	43	166346	81.671	ug/l	99
17) Carbon Disulfide	4.540	76	243022	18.810	ug/l	99
18) Methyl Acetate	4.862	43	105200	18.672	ug/l	95
19) Methyl tert-butyl Ether	5.621	73	313909	20.171	ug/l	98
20) Methylene Chloride	5.103	84	108605	16.872	ug/l	98
21) trans-1,2-Dichloroethene	5.605	96	105561	19.603	ug/l	96
22) Diisopropyl ether	6.503	45	266968	20.299	ug/l	98
23) Vinyl Acetate	6.439	43	978167	96.943	ug/l	99
24) 1,1-Dichloroethane	6.393	63	173090	19.687	ug/l	99
25) 2-Butanone	7.337	43	264739	93.073	ug/l	95
26) 2,2-Dichloropropane	7.332	77	154744	19.022	ug/l	99
27) cis-1,2-Dichloroethene	7.332	96	123716	19.698	ug/l	98
28) Bromochloromethane	7.662	49	55723	15.043	ug/l	92
29) Tetrahydrofuran	7.689	42	175816	96.067	ug/l	100
30) Chloroform	7.823	83	201236	19.102	ug/l	99
31) Cyclohexane	8.099	56	161464	19.422	ug/l	95
32) 1,1,1-Trichloroethane	8.018	97	192560	19.788	ug/l	98
36) 1,1-Dichloropropene	8.225	75	146518	20.065	ug/l	98
37) Ethyl Acetate	7.415	43	109102	18.126	ug/l	98
38) Carbon Tetrachloride	8.212	117	173363	19.807	ug/l	98
39) Methylcyclohexane	9.464	83	185848	20.403	ug/l	98
40) Benzene	8.464	78	434104	19.326	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	54557	19.224	ug/l	95
42) 1,2-Dichloroethane	8.536	62	150155	19.930	ug/l	98
43) Isopropyl Acetate	8.563	43	195755	20.000	ug/l	99
44) Trichloroethene	9.217	130	136070	19.493	ug/l	98
45) 1,2-Dichloropropane	9.494	63	102003	19.555	ug/l	97
46) Dibromomethane	9.579	93	82381	19.414	ug/l	96
47) Bromodichloromethane	9.764	83	156419	19.254	ug/l	99
48) Methyl methacrylate	9.561	41	79157	18.528	ug/l	92
49) 1,4-Dioxane	9.569	88	38993	392.470	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	576395	95.311	ug/l	97
52) Toluene	10.507	92	289177	19.262	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	149445	18.665	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	167206	19.543	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	115580	18.964	ug/l	98
56) Ethyl methacrylate	10.765	69	143412	19.224	ug/l	96
57) 1,3-Dichloropropane	11.046	76	176951	19.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	45647	44.080	ug/l	97
59) 2-Hexanone	11.087	43	385544	92.104	ug/l	97
60) Dibromochloromethane	11.240	129	136449	19.464	ug/l	100
61) 1,2-Dibromoethane	11.347	107	120961	18.871	ug/l	98
64) Tetrachloroethene	10.979	164	140633	21.142	ug/l	96
65) Chlorobenzene	11.773	112	324541	19.340	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	131147	20.015	ug/l	98
67) Ethyl Benzene	11.848	91	546757	19.959	ug/l	97
68) m/p-Xylenes	11.956	106	447532	40.504	ug/l	97
69) o-Xylene	12.283	106	218212	20.586	ug/l	99
70) Styrene	12.296	104	334967	20.129	ug/l	99
71) Bromoform	12.460	173	99238	18.899	ug/l #	99
73) Isopropylbenzene	12.581	105	554649	18.814	ug/l	100
74) N-amyl acetate	12.390	43	125723	17.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	149834	17.127	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	117573m	16.771	ug/l	
77) Bromobenzene	12.862	156	146686	17.624	ug/l	93
78) n-propylbenzene	12.924	91	587154	18.809	ug/l	99
79) 2-Chlorotoluene	13.010	91	360034	18.689	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	463481	19.363	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	33608	16.373	ug/l	97
82) 4-Chlorotoluene	13.106	91	348078	18.674	ug/l	98
83) tert-Butylbenzene	13.326	119	415259	18.892	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	452019	19.334	ug/l	98
85) sec-Butylbenzene	13.503	105	559227	19.399	ug/l	98
86) p-Isopropyltoluene	13.618	119	466857	19.521	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	262477	18.408	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	257293	18.143	ug/l	97
89) n-Butylbenzene	13.946	91	329872	18.359	ug/l	98
90) Hexachloroethane	14.214	117	79460	17.419	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	256286	18.918	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	25850	18.761	ug/l	90
93) 1,2,4-Trichlorobenzene	15.265	180	116316	17.504	ug/l	98
94) Hexachlorobutadiene	15.372	225	72365	18.380	ug/l	100
95) Naphthalene	15.507	128	234681	14.801	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	111481	17.188	ug/l	99

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

