

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072114.D
 Acq On : 21 Apr 2022 06:43
 Operator : JC\MD
 Sample : N2482-06MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7RMS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 07:17:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	509825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	792617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	738262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	297150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	291385	50.064	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.120%			
35) Dibromofluoromethane	8.016	113	258946	55.519	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.040%			
50) Toluene-d8	10.439	98	1016784	53.291	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.580%			
62) 4-Bromofluorobenzene	12.727	95	336639	54.555	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	245186	60.493	ug/l	95
3) Chloromethane	2.299	50	267594	52.101	ug/l	97
4) Vinyl Chloride	2.440	62	264815	46.951	ug/l	99
5) Bromomethane	2.822	94	151500	41.320	ug/l	100
6) Chloroethane	2.993	64	167438	41.266	ug/l	99
7) Trichlorofluoromethane	3.363	101	361660	50.399	ug/l	98
8) Diethyl Ether	3.822	74	167635	55.276	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	225730	51.046	ug/l	98
10) Methyl Iodide	4.422	142	329940	53.375	ug/l	100
11) Tert butyl alcohol	5.369	59	266627	282.286	ug/l	99
12) 1,1-Dichloroethene	4.181	96	228340	54.262	ug/l	92
13) Acrolein	4.040	56	219376	190.485	ug/l	99
14) Allyl chloride	4.834	41	340948	49.918	ug/l	94
15) Acrylonitrile	5.545	53	781367	284.606	ug/l	99
16) Acetone	4.281	43	623073	250.495	ug/l	93
17) Carbon Disulfide	4.528	76	542604	56.198	ug/l	99
18) Methyl Acetate	4.851	43	293232	47.532	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	837075	53.544	ug/l	98
20) Methylene Chloride	5.093	84	279985	53.404	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	244949	53.024	ug/l	99
22) Diisopropyl ether	6.492	45	772285	51.939	ug/l	94
23) Vinyl Acetate	6.428	43	2760706	233.478	ug/l	99
24) 1,1-Dichloroethane	6.387	63	461925	52.918	ug/l	98
25) 2-Butanone	7.328	43	967932	269.932	ug/l	95
26) 2,2-Dichloropropane	7.322	77	261991	34.938	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	306738	54.148	ug/l	92
28) Bromochloromethane	7.651	49	170521	48.427	ug/l	94
29) Tetrahydrofuran	7.681	42	634042	273.073	ug/l	96
30) Chloroform	7.816	83	485062	52.627	ug/l	97
31) Cyclohexane	8.092	56	398394	50.333	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	411552	52.194	ug/l	98
36) 1,1-Dichloropropene	8.216	75	345554	53.054	ug/l	99
37) Ethyl Acetate	7.410	43	387224	54.317	ug/l	97
38) Carbon Tetrachloride	8.204	117	340455	53.335	ug/l	98
39) Methylcyclohexane	9.457	83	413979	53.395	ug/l	99
40) Benzene	8.457	78	1125344	54.695	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	198987	57.006	ug/l	94
42) 1,2-Dichloroethane	8.528	62	358136	50.319	ug/l	97
43) Isopropyl Acetate	8.557	43	557049	46.978	ug/l	97
44) Trichloroethene	9.216	130	285574	53.874	ug/l	99
45) 1,2-Dichloropropane	9.486	63	277999	54.085	ug/l	100
46) Dibromomethane	9.575	93	188069	53.890	ug/l	97
47) Bromodichloromethane	9.757	83	375271	54.627	ug/l	98
48) Methyl methacrylate	9.557	41	278146	56.539	ug/l	93
49) 1,4-Dioxane	9.563	88	134251	1152.402	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	1966283	288.418	ug/l	96
52) Toluene	10.504	92	738209	56.759	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	378065	52.510	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	422570	53.118	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	293866	54.900	ug/l	99
56) Ethyl methacrylate	10.757	69	467053	61.164	ug/l	93
57) 1,3-Dichloropropane	11.039	76	487988	54.526	ug/l	100
59) 2-Hexanone	11.080	43	1393834	290.391	ug/l	94
60) Dibromochloromethane	11.233	129	305567	58.546	ug/l	99
61) 1,2-Dibromoethane	11.339	107	301853	57.288	ug/l	98
64) Tetrachloroethene	10.975	164	247968	50.865	ug/l	98
65) Chlorobenzene	11.763	112	794711	53.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	285941	53.605	ug/l	99
67) Ethyl Benzene	11.839	91	1385714	55.373	ug/l	99
68) m/p-Xylenes	11.951	106	1075030	111.805	ug/l	99
69) o-Xylene	12.274	106	542569	56.851	ug/l	97
70) Styrene	12.292	104	853685	59.037	ug/l	99
71) Bromoform	12.457	173	235341	57.935	ug/l	97
73) Isopropylbenzene	12.574	105	1320223	52.725	ug/l	99
74) N-amyl acetate	12.380	43	333344	46.463	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	428250	51.258	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	368251m	53.496	ug/l	
77) Bromobenzene	12.857	156	329537	52.498	ug/l	95
78) n-propylbenzene	12.916	91	1458368	55.367	ug/l	100
79) 2-Chlorotoluene	13.004	91	903622	53.494	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1105027	55.698	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	106924	48.136	ug/l	96
82) 4-Chlorotoluene	13.098	91	829948	53.006	ug/l	99
83) tert-Butylbenzene	13.316	119	998578	55.062	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1084297	56.015	ug/l	99
85) sec-Butylbenzene	13.498	105	1301833	55.375	ug/l	100
86) p-Isopropyltoluene	13.610	119	1066832	56.913	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	521546	52.153	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	502417	51.497	ug/l	99
89) n-Butylbenzene	13.939	91	758404	54.550	ug/l	100
90) Hexachloroethane	14.204	117	189160	55.127	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	515602	52.518	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	71891	55.475	ug/l	94
93) 1,2,4-Trichlorobenzene	15.257	180	245811	51.896	ug/l	97
94) Hexachlorobutadiene	15.363	225	135010	46.627	ug/l	99
95) Naphthalene	15.498	128	730071	53.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	241903	52.669	ug/l	100

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

