

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071533.D
 Acq On : 24 Mar 2022 21:10
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 25 09:35:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	694817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1136293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1099241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	459753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1266446	158.982	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 317.960%#			
35) Dibromofluoromethane	8.016	113	1027576	152.863	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 305.720%#			
50) Toluene-d8	10.439	98	4190285	155.210	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 310.420%#			
62) 4-Bromofluorobenzene	12.727	95	1480230	155.808	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 311.620%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	1030192	143.114	ug/l	99
3) Chloromethane	2.293	50	1166335	129.480	ug/l	98
4) Vinyl Chloride	2.440	62	1378543	149.935	ug/l	99
5) Bromomethane	2.810	94	402600	76.461	ug/l	98
6) Chloroethane	2.969	64	858852	142.017	ug/l	99
7) Trichlorofluoromethane	3.352	101	1570348	138.133	ug/l	100
8) Diethyl Ether	3.816	74	683091	139.022	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.199	101	933982	134.557	ug/l	99
10) Methyl Iodide	4.416	142	1455361	151.219	ug/l	99
11) Tert butyl alcohol	5.375	59	1256141	856.353	ug/l	100
12) 1,1-Dichloroethene	4.169	96	955627	140.507	ug/l	97
13) Acrolein	4.034	56	897909	693.236	ug/l	99
14) Allyl chloride	4.834	41	1586368	125.525	ug/l	99
15) Acrylonitrile	5.546	53	3184597	746.202	ug/l	100
16) Acetone	4.281	43	2457721	579.245	ug/l	98
17) Carbon Disulfide	4.522	76	2543748	132.587	ug/l	100
18) Methyl Acetate	4.846	43	1338188	127.190	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	3443230	145.293	ug/l	98
20) Methylene Chloride	5.087	84	1106694	139.377	ug/l	98
21) trans-1,2-Dichloroethene	5.587	96	1022796	140.668	ug/l	99
22) Diisopropyl ether	6.487	45	3222496	132.145	ug/l	99
23) Vinyl Acetate	6.428	43	14483793	700.398	ug/l	100
24) 1,1-Dichloroethane	6.381	63	1918629	138.561	ug/l	98
25) 2-Butanone	7.328	43	4201915	729.219	ug/l	100
26) 2,2-Dichloropropane	7.322	77	1643235	142.828	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	1239118	147.599	ug/l	99
28) Bromochloromethane	7.651	49	809012	145.059	ug/l	100
29) Tetrahydrofuran	7.675	42	2716465	722.624	ug/l	99
30) Chloroform	7.816	83	1927605	140.984	ug/l	100
31) Cyclohexane	8.092	56	1702422	126.759	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	1723552	146.211	ug/l	98
36) 1,1-Dichloropropene	8.216	75	1484054	135.857	ug/l	100
37) Ethyl Acetate	7.404	43	1635300	138.746	ug/l	99
38) Carbon Tetrachloride	8.204	117	1470704	136.811	ug/l	100
39) Methylcyclohexane	9.457	83	1907712	136.112	ug/l	99
40) Benzene	8.457	78	4482209	137.745	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	800152	133.105	ug/l	97
42) 1,2-Dichloroethane	8.522	62	1536162	137.789	ug/l	100
43) Isopropyl Acetate	8.557	43	2625521	142.468	ug/l	100
44) Trichloroethene	9.210	130	1192982	139.392	ug/l	98
45) 1,2-Dichloropropane	9.486	63	1134148	136.917	ug/l	99
46) Dibromomethane	9.575	93	773657	141.085	ug/l	99
47) Bromodichloromethane	9.757	83	1567807	141.517	ug/l	99
48) Methyl methacrylate	9.557	41	1276241	146.417	ug/l	100
49) 1,4-Dioxane	9.563	88	568599	3496.488	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	8669296	765.176	ug/l	99
52) Toluene	10.504	92	2923576	143.105	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	1815749	151.451	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	1918021	145.829	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	1159411	144.464	ug/l	99
56) Ethyl methacrylate	10.757	69	2002603	165.560	ug/l	100
57) 1,3-Dichloropropane	11.039	76	1975811	142.892	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	3071247	1346.861	ug/l	99
59) 2-Hexanone	11.080	43	6197299	791.318	ug/l	99
60) Dibromochloromethane	11.233	129	1264260	150.476	ug/l	100
61) 1,2-Dibromoethane	11.345	107	1227356	150.140	ug/l	100
64) Tetrachloroethene	10.975	164	1006585	119.909	ug/l	98
65) Chlorobenzene	11.769	112	3282507	139.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	1204342	140.855	ug/l	99
67) Ethyl Benzene	11.839	91	5880594	143.050	ug/l	98
68) m/p-Xylenes	11.951	106	4565385	288.061	ug/l	100
69) o-Xylene	12.275	106	2302012	148.163	ug/l	98
70) Styrene	12.292	104	3773159	153.514	ug/l	100
71) Bromoform	12.457	173	982181	144.330	ug/l #	100
73) Isopropylbenzene	12.574	105	5776110	154.086	ug/l	99
74) N-amyl acetate	12.386	43	1918511	160.689	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	1646679	136.732	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	1303288m	123.928	ug/l	
77) Bromobenzene	12.857	156	1369466	149.571	ug/l	99
78) n-propylbenzene	12.916	91	6443848	153.903	ug/l	99
79) 2-Chlorotoluene	13.004	91	3808668	149.291	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	4532714	150.035	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	582295	169.365	ug/l	95
82) 4-Chlorotoluene	13.098	91	3654428	148.739	ug/l	100
83) tert-Butylbenzene	13.321	119	4112928	144.029	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	4420890	148.658	ug/l	99
85) sec-Butylbenzene	13.498	105	5640488	149.884	ug/l	99
86) p-Isopropyltoluene	13.610	119	4596781	149.455	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	2277853	142.200	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	2183888	139.047	ug/l	100
89) n-Butylbenzene	13.939	91	3629080	146.521	ug/l	99
90) Hexachloroethane	14.210	117	822563	148.775	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	2123312	140.591	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	354969	180.692	ug/l	99
93) 1,2,4-Trichlorobenzene	15.263	180	1195098	162.801	ug/l	99
94) Hexachlorobutadiene	15.368	225	555620	104.502	ug/l	99
95) Naphthalene	15.504	128	3655973	227.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	1175861	174.233	ug/l	100

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

