

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071797.D
 Acq On : 02 Apr 2022 14:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 04 01:04:54 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	550609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	848315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	809639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	322899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	330564	52.589	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.180%			
35) Dibromofluoromethane	8.016	113	277144	55.519	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.040%			
50) Toluene-d8	10.439	98	1144388	56.041	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.080%			
62) 4-Bromofluorobenzene	12.727	95	382041	57.847	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	220129	50.288	ug/l	98
3) Chloromethane	2.299	50	251327	45.309	ug/l	97
4) Vinyl Chloride	2.440	62	282955	46.451	ug/l	99
5) Bromomethane	2.822	94	156228	39.453	ug/l	100
6) Chloroethane	2.993	64	184290	42.055	ug/l	97
7) Trichlorofluoromethane	3.363	101	382792	49.392	ug/l	99
8) Diethyl Ether	3.822	74	175346	53.536	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.204	101	247145	51.749	ug/l	99
10) Methyl Iodide	4.422	142	319280	47.825	ug/l	99
11) Tert butyl alcohol	5.369	59	283673	278.087	ug/l	99
12) 1,1-Dichloroethene	4.175	96	228905	50.367	ug/l	94
13) Acrolein	4.034	56	410367	329.931	ug/l	99
14) Allyl chloride	4.840	41	391150	53.026	ug/l	95
15) Acrylonitrile	5.545	53	830468	280.085	ug/l	99
16) Acetone	4.281	43	805907	300.001	ug/l	96
17) Carbon Disulfide	4.528	76	478109	45.850	ug/l	99
18) Methyl Acetate	4.845	43	360631	54.343	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	916699	54.294	ug/l	98
20) Methylene Chloride	5.092	84	290224	51.257	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	247992	49.706	ug/l	100
22) Diisopropyl ether	6.492	45	884849	55.101	ug/l	96
23) Vinyl Acetate	6.428	43	3695786	289.408	ug/l	100
24) 1,1-Dichloroethane	6.381	63	504597	53.525	ug/l	99
25) 2-Butanone	7.328	43	1119849	289.165	ug/l	98
26) 2,2-Dichloropropane	7.322	77	427274	52.759	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	325017	53.124	ug/l	99
28) Bromochloromethane	7.657	49	182081	47.880	ug/l	100
29) Tetrahydrofuran	7.681	42	683213	272.455	ug/l	99
30) Chloroform	7.810	83	527646	53.007	ug/l	96
31) Cyclohexane	8.092	56	415999	48.664	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	441320	51.823	ug/l	99
36) 1,1-Dichloropropene	8.216	75	366878	52.630	ug/l	100
37) Ethyl Acetate	7.404	43	418524	54.853	ug/l	99
38) Carbon Tetrachloride	8.204	117	367936	53.856	ug/l	98
39) Methylcyclohexane	9.457	83	460730	55.523	ug/l	100
40) Benzene	8.457	78	1180353	53.602	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	203332	54.426	ug/l	98
42) 1,2-Dichloroethane	8.528	62	401440	52.700	ug/l	98
43) Isopropyl Acetate	8.557	43	649631	51.189	ug/l	98
44) Trichloroethene	9.210	130	302976	53.405	ug/l	93
45) 1,2-Dichloropropane	9.486	63	305612	55.554	ug/l	98
46) Dibromomethane	9.575	93	202266	54.152	ug/l	99
47) Bromodichloromethane	9.757	83	416021	56.582	ug/l	98
48) Methyl methacrylate	9.557	41	322129	61.181	ug/l	97
49) 1,4-Dioxane	9.563	88	135588	1086.673	ug/l	100
51) 4-Methyl-2-Pentanone	10.327	43	2195282	300.866	ug/l	99
52) Toluene	10.504	92	782670	56.226	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	460871	59.808	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	503083	59.087	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	321659	56.147	ug/l	99
56) Ethyl methacrylate	10.757	69	518846	63.486	ug/l	96
57) 1,3-Dichloropropane	11.039	76	536551	56.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	536964	215.897	ug/l	100
59) 2-Hexanone	11.080	43	1555247	302.745	ug/l	97
60) Dibromochloromethane	11.233	129	332466	59.517	ug/l	100
61) 1,2-Dibromoethane	11.339	107	322206	57.136	ug/l	99
64) Tetrachloroethene	10.974	164	270706	50.634	ug/l	99
65) Chlorobenzene	11.768	112	866838	53.469	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	315060	53.857	ug/l	99
67) Ethyl Benzene	11.839	91	1517783	55.304	ug/l	100
68) m/p-Xylenes	11.951	106	1171571	111.104	ug/l	100
69) o-Xylene	12.274	106	581780	55.585	ug/l	100
70) Styrene	12.292	104	938782	59.199	ug/l	100
71) Bromoform	12.457	173	252698	56.724	ug/l #	99
73) Isopropylbenzene	12.574	105	1511473	55.549	ug/l	100
74) N-amyl acetate	12.386	43	445442	57.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	454423	50.054	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	353452m	47.252	ug/l	
77) Bromobenzene	12.857	156	351109	51.474	ug/l	99
78) n-propylbenzene	12.915	91	1670765	58.373	ug/l	99
79) 2-Chlorotoluene	13.004	91	991113	53.994	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1207084	55.991	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	133593	55.346	ug/l	99
82) 4-Chlorotoluene	13.098	91	939736	55.232	ug/l	99
83) tert-Butylbenzene	13.321	119	1079154	54.760	ug/l	100
84) 1,2,4-Trimethylbenzene	13.362	105	1186675	56.415	ug/l	100
85) sec-Butylbenzene	13.498	105	1488376	58.261	ug/l	99
86) p-Isopropyltoluene	13.610	119	1203852	59.102	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	577796	53.170	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	557724	52.607	ug/l	99
89) n-Butylbenzene	13.939	91	912406	60.394	ug/l	100
90) Hexachloroethane	14.204	117	213337	57.215	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	554980	52.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	78806	55.962	ug/l	100
93) 1,2,4-Trichlorobenzene	15.256	180	274051	53.190	ug/l	99
94) Hexachlorobutadiene	15.362	225	161378	51.289	ug/l	98
95) Naphthalene	15.504	128	763197	51.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	270513	54.131	ug/l	100

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

