

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071676.D
 Acq On : 30 Mar 2022 22:56
 Operator : JC\MD
 Sample : VN0330WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBS02

Quant Time: Mar 31 01:38:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	591346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	939451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	827035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	316630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	344881	51.087	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.180%			
35) Dibromofluoromethane	8.016	113	286037	51.742	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.480%			
50) Toluene-d8	10.439	98	1157398	51.180	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.360%			
62) 4-Bromofluorobenzene	12.727	95	353714	48.362	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	93841	19.961	ug/l	95
3) Chloromethane	2.299	50	112700	18.918	ug/l	99
4) Vinyl Chloride	2.440	62	124511	19.032	ug/l	97
5) Bromomethane	2.852	94	84568	19.885	ug/l	97
6) Chloroethane	3.016	64	86112	18.297	ug/l	95
7) Trichlorofluoromethane	3.375	101	156747	18.832	ug/l	99
8) Diethyl Ether	3.828	74	67876	19.296	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	98754	19.253	ug/l	99
10) Methyl Iodide	4.422	142	131418	18.329	ug/l	99
11) Tert butyl alcohol	5.357	59	114723	104.716	ug/l	99
12) 1,1-Dichloroethene	4.187	96	93961	19.250	ug/l	91
13) Acrolein	4.034	56	129953	97.283	ug/l	97
14) Allyl chloride	4.840	41	147744	18.649	ug/l	97
15) Acrylonitrile	5.551	53	338383	106.262	ug/l	99
16) Acetone	4.281	43	260958	90.450	ug/l	94
17) Carbon Disulfide	4.534	76	194308	17.350	ug/l	99
18) Methyl Acetate	4.851	43	146799	19.628	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	356528	19.662	ug/l	99
20) Methylene Chloride	5.098	84	114439	18.819	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	99585	18.585	ug/l	98
22) Diisopropyl ether	6.492	45	342577	19.863	ug/l	98
23) Vinyl Acetate	6.428	43	1422861	103.745	ug/l	98
24) 1,1-Dichloroethane	6.387	63	198013	19.557	ug/l	100
25) 2-Butanone	7.328	43	427270	102.728	ug/l	97
26) 2,2-Dichloropropane	7.322	77	153589	17.658	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	127155	19.352	ug/l	98
28) Bromochloromethane	7.651	49	77026	18.859	ug/l	97
29) Tetrahydrofuran	7.681	42	290397	107.828	ug/l	99
30) Chloroform	7.816	83	206577	19.323	ug/l	99
31) Cyclohexane	8.092	56	170207	18.539	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	173838	19.007	ug/l	98
36) 1,1-Dichloropropene	8.216	75	142095	18.407	ug/l	100
37) Ethyl Acetate	7.410	43	175160	20.730	ug/l	100
38) Carbon Tetrachloride	8.204	117	144073	19.043	ug/l	96
39) Methylcyclohexane	9.457	83	169382	18.432	ug/l	98
40) Benzene	8.457	78	468457	19.210	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	88249	21.330	ug/l	93
42) 1,2-Dichloroethane	8.528	62	162824	19.301	ug/l	99
43) Isopropyl Acetate	8.557	43	259779	18.484	ug/l	99
44) Trichloroethene	9.210	130	120232	19.137	ug/l	99
45) 1,2-Dichloropropane	9.486	63	117570	19.298	ug/l	99
46) Dibromomethane	9.575	93	79775	19.286	ug/l	98
47) Bromodichloromethane	9.757	83	159663	19.609	ug/l	97
48) Methyl methacrylate	9.557	41	111266	19.082	ug/l	94
49) 1,4-Dioxane	9.563	88	53681	379.492	ug/l	96
51) 4-Methyl-2-Pentanone	10.328	43	854124	105.703	ug/l	100
52) Toluene	10.504	92	299168	19.407	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	163886	19.205	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	180156	19.107	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	123841	19.520	ug/l	99
56) Ethyl methacrylate	10.757	69	183013	20.221	ug/l	99
57) 1,3-Dichloropropane	11.039	76	208238	19.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	194323	81.974	ug/l	99
59) 2-Hexanone	11.080	43	606927	106.683	ug/l	99
60) Dibromochloromethane	11.233	129	123354	19.940	ug/l	99
61) 1,2-Dibromoethane	11.339	107	123046	19.703	ug/l	99
64) Tetrachloroethene	10.975	164	106571	19.514	ug/l	96
65) Chlorobenzene	11.769	112	319309	19.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	119271	19.959	ug/l	99
67) Ethyl Benzene	11.839	91	550582	19.640	ug/l	99
68) m/p-Xylenes	11.951	106	426431	39.589	ug/l	99
69) o-Xylene	12.274	106	214094	20.025	ug/l	100
70) Styrene	12.292	104	328194	20.260	ug/l	99
71) Bromoform	12.451	173	92560	20.340	ug/l #	99
73) Isopropylbenzene	12.574	105	540964	20.275	ug/l	100
74) N-amyl acetate	12.386	43	156489	20.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	186388	20.937	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	138658m	18.904	ug/l	
77) Bromobenzene	12.857	156	128771	19.252	ug/l	99
78) n-propylbenzene	12.916	91	567118	20.206	ug/l	100
79) 2-Chlorotoluene	13.004	91	362196	20.123	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	431019	20.389	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	46983	19.850	ug/l	99
82) 4-Chlorotoluene	13.098	91	329768	19.765	ug/l	99
83) tert-Butylbenzene	13.316	119	386042	19.977	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	422584	20.488	ug/l	100
85) sec-Butylbenzene	13.498	105	506968	20.238	ug/l	99
86) p-Isopropyltoluene	13.610	119	404527	20.253	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	207820	19.503	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	202390	19.468	ug/l	99
89) n-Butylbenzene	13.939	91	273993	18.495	ug/l	100
90) Hexachloroethane	14.204	117	74940	20.496	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	208952	19.974	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	30341	21.972	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	84259	18.109	ug/l	97
94) Hexachlorobutadiene	15.363	225	55974	18.142	ug/l	100
95) Naphthalene	15.504	128	210997	17.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	84397	18.869	ug/l	100

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

