

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071722.D
 Acq On : 31 Mar 2022 23:14
 Operator : JC\MD
 Sample : VN0331WBS04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS04

Quant Time: Apr 01 01:41:38 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 :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	583310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	933398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	833018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	314653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	357365	53.665	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.340%			
35) Dibromofluoromethane	8.022	113	295970	53.886	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.780%			
50) Toluene-d8	10.439	98	1198209	53.328	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.727	95	366357	50.416	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	86715	18.699	ug/l	96
3) Chloromethane	2.305	50	105035	17.874	ug/l	97
4) Vinyl Chloride	2.446	62	119168	18.466	ug/l	97
5) Bromomethane	2.852	94	81215	19.360	ug/l	95
6) Chloroethane	3.022	64	78448	16.898	ug/l	100
7) Trichlorofluoromethane	3.375	101	152844	18.616	ug/l	98
8) Diethyl Ether	3.828	74	67598	19.482	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.222	101	93276	18.436	ug/l	98
10) Methyl Iodide	4.428	142	127174	17.981	ug/l	99
11) Tert butyl alcohol	5.369	59	102182	94.554	ug/l	99
12) 1,1-Dichloroethene	4.187	96	88787	18.441	ug/l	96
13) Acrolein	4.040	56	119648	90.803	ug/l	99
14) Allyl chloride	4.840	41	142071	18.180	ug/l	97
15) Acrylonitrile	5.551	53	318206	101.302	ug/l	100
16) Acetone	4.287	43	245571	86.290	ug/l	99
17) Carbon Disulfide	4.540	76	188918	17.101	ug/l	99
18) Methyl Acetate	4.851	43	140040	18.931	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	349823	19.558	ug/l	96
20) Methylene Chloride	5.098	84	112312	18.724	ug/l	98
21) trans-1,2-Dichloroethene	5.604	96	96610	18.279	ug/l	97
22) Diisopropyl ether	6.498	45	333077	19.578	ug/l	99
23) Vinyl Acetate	6.434	43	1375455	101.670	ug/l	99
24) 1,1-Dichloroethane	6.387	63	194301	19.455	ug/l	99
25) 2-Butanone	7.334	43	391768	95.490	ug/l	99
26) 2,2-Dichloropropane	7.328	77	142753	16.639	ug/l	100
27) cis-1,2-Dichloroethene	7.328	96	123547	19.062	ug/l	97
28) Bromochloromethane	7.657	49	78589	19.507	ug/l	100
29) Tetrahydrofuran	7.687	42	270935	101.988	ug/l	99
30) Chloroform	7.816	83	202203	19.174	ug/l	100
31) Cyclohexane	8.092	56	165787	18.307	ug/l #	91
32) 1,1,1-Trichloroethane	8.016	97	171022	18.957	ug/l	99
36) 1,1-Dichloropropene	8.222	75	139346	18.167	ug/l	99
37) Ethyl Acetate	7.410	43	160574	19.127	ug/l	99
38) Carbon Tetrachloride	8.204	117	143274	19.060	ug/l	97
39) Methylcyclohexane	9.457	83	163996	17.962	ug/l	98
40) Benzene	8.457	78	458015	18.903	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	79266	19.283	ug/l	95
42) 1,2-Dichloroethane	8.528	62	157399	18.779	ug/l	99
43) Isopropyl Acetate	8.557	43	245119	17.554	ug/l	98
44) Trichloroethene	9.216	130	114622	18.362	ug/l	90
45) 1,2-Dichloropropane	9.486	63	116962	19.323	ug/l	99
46) Dibromomethane	9.575	93	77224	18.790	ug/l	99
47) Bromodichloromethane	9.757	83	155590	19.233	ug/l	98
48) Methyl methacrylate	9.557	41	112333	19.390	ug/l	94
49) 1,4-Dioxane	9.569	88	49033	347.752	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	805993	100.393	ug/l	100
52) Toluene	10.504	92	297782	19.442	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	157922	18.626	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	177626	18.960	ug/l	96
55) 1,1,2-Trichloroethane	10.898	97	123354	19.569	ug/l	94
56) Ethyl methacrylate	10.757	69	176078	19.581	ug/l	96
57) 1,3-Dichloropropane	11.039	76	200886	19.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	169913	74.177	ug/l	99
59) 2-Hexanone	11.080	43	563133	99.627	ug/l	98
60) Dibromochloromethane	11.233	129	121197	19.719	ug/l	100
61) 1,2-Dibromoethane	11.345	107	119728	19.296	ug/l	98
64) Tetrachloroethene	10.975	164	99371	18.065	ug/l	98
65) Chlorobenzene	11.769	112	313013	18.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	116110	19.291	ug/l	99
67) Ethyl Benzene	11.839	91	538856	19.083	ug/l	96
68) m/p-Xylenes	11.951	106	410439	37.831	ug/l	99
69) o-Xylene	12.280	106	206669	19.192	ug/l	98
70) Styrene	12.292	104	321026	19.675	ug/l	99
71) Bromoform	12.457	173	88581	19.326	ug/l #	99
73) Isopropylbenzene	12.574	105	524064	19.765	ug/l	99
74) N-amyl acetate	12.386	43	147090	19.361	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	181804	20.550	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	138165m	18.955	ug/l	
77) Bromobenzene	12.857	156	125511	18.883	ug/l	100
78) n-propylbenzene	12.916	91	541041	19.398	ug/l	100
79) 2-Chlorotoluene	13.004	91	352689	19.718	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	424805	20.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	42393	18.023	ug/l	97
82) 4-Chlorotoluene	13.104	91	317887	19.173	ug/l	100
83) tert-Butylbenzene	13.321	119	372525	19.399	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	409930	19.999	ug/l	98
85) sec-Butylbenzene	13.498	105	487881	19.598	ug/l	100
86) p-Isopropyltoluene	13.616	119	391515	19.725	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	202523	19.125	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	189631	18.356	ug/l	97
89) n-Butylbenzene	13.939	91	261404	17.756	ug/l	99
90) Hexachloroethane	14.210	117	72783	20.031	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	201023	19.337	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28819	21.001	ug/l	96
93) 1,2,4-Trichlorobenzene	15.262	180	81372	17.657	ug/l	99
94) Hexachlorobutadiene	15.368	225	54128	17.654	ug/l	98
95) Naphthalene	15.504	128	198992	16.634	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	80080	18.125	ug/l	99

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

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