

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
 Data File : VN074654.D
 Acq On : 29 Sep 2022 14:56
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 30 07:09:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:05:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	389361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	712671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	745089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	424062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	181261	18.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.160%#		
35) Dibromofluoromethane	7.863	113	142903	18.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.880%#		
50) Toluene-d8	10.310	98	592514	18.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.340%#		
62) 4-Bromofluorobenzene	12.604	95	170903	16.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	33.980%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.005	85	163695	20.082	ug/l	97
3) Chloromethane	2.216	50	239653	20.097	ug/l	98
4) Vinyl Chloride	2.357	62	356865	20.609	ug/l	95
5) Bromomethane	2.734	94	245209	20.500	ug/l	99
6) Chloroethane	2.899	64	293306	22.043	ug/l	90
7) Trichlorofluoromethane	3.246	101	230265	19.126	ug/l	92
8) Diethyl Ether	3.681	74	106241	18.598	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.040	101	137677	19.189	ug/l	90
10) Methyl Iodide	4.251	142	171290	20.092	ug/l	94
11) Tert butyl alcohol	5.169	59	252992	97.078	ug/l	96
12) 1,1-Dichloroethene	4.022	96	136299	18.743	ug/l	87
13) Acrolein	3.893	56	107308	95.289	ug/l	95
14) Allyl chloride	4.657	41	314421	20.017	ug/l	95
15) Acrylonitrile	5.357	53	618887	100.642	ug/l	98
16) Acetone	4.128	43	496784	94.323	ug/l	100
17) Carbon Disulfide	4.357	76	399500	18.824	ug/l	100
18) Methyl Acetate	4.669	43	349704	19.397	ug/l	91
19) Methyl tert-butyl Ether	5.416	73	538054	19.386	ug/l	96
20) Methylene Chloride	4.904	84	175646	17.569	ug/l #	84
21) trans-1,2-Dichloroethene	5.398	96	146799	18.479	ug/l	96
22) Diisopropyl ether	6.304	45	627774	19.646	ug/l	96
23) Vinyl Acetate	6.245	43	2764077	98.417	ug/l #	93
24) 1,1-Dichloroethane	6.198	63	321253	19.701	ug/l	100
25) 2-Butanone	7.163	43	873391	97.238	ug/l	91
26) 2,2-Dichloropropane	7.151	77	262205	18.908	ug/l	98
27) cis-1,2-Dichloroethene	7.151	96	185338	19.074	ug/l	94
28) Bromochloromethane	7.492	49	158669	21.430	ug/l #	68
29) Tetrahydrofuran	7.516	42	598667	101.017	ug/l	88
30) Chloroform	7.657	83	300831	20.019	ug/l	98
31) Cyclohexane	7.939	56	300642	18.963	ug/l	87
32) 1,1,1-Trichloroethane	7.857	97	253242	19.204	ug/l	97
36) 1,1-Dichloropropene	8.069	75	219142	18.140	ug/l	96
37) Ethyl Acetate	7.239	43	353162	19.716	ug/l	95
38) Carbon Tetrachloride	8.051	117	209372	18.918	ug/l	95
39) Methylcyclohexane	9.322	83	295314	19.581	ug/l	96
40) Benzene	8.304	78	727551	19.540	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.469	41	138339	17.678	ug/l	94
42) 1,2-Dichloroethane	8.386	62	235195	18.802	ug/l	99
43) Isopropyl Acetate	8.416	43	554189	19.390	ug/l #	93
44) Trichloroethene	9.075	130	153270	19.758	ug/l	99
45) 1,2-Dichloropropane	9.351	63	192923	19.033	ug/l	100
46) Dibromomethane	9.445	93	120794	18.906	ug/l #	85
47) Bromodichloromethane	9.628	83	234465	18.777	ug/l	100
48) Methyl methacrylate	9.428	41	226841	19.260	ug/l	91
49) 1,4-Dioxane	9.433	88	87283	388.507	ug/l #	92
51) 4-Methyl-2-Pentanone	10.204	43	1771293	97.939	ug/l	90
52) Toluene	10.375	92	433788	19.294	ug/l	99
53) t-1,3-Dichloropropene	10.592	75	276008	19.499	ug/l	95
54) cis-1,3-Dichloropropene	10.057	75	297293	19.064	ug/l	94
55) 1,1,2-Trichloroethane	10.775	97	170539	18.822	ug/l	96
56) Ethyl methacrylate	10.639	69	306988	19.641	ug/l #	85
57) 1,3-Dichloropropane	10.916	76	308395	19.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.916	63	611417	95.817	ug/l #	88
59) 2-Hexanone	10.963	43	1335770	97.729	ug/l	91
60) Dibromochloromethane	11.116	129	167243	19.186	ug/l	99
61) 1,2-Dibromoethane	11.222	107	172421	19.420	ug/l	100
64) Tetrachloroethene	10.845	164	117417	18.640	ug/l	96
65) Chlorobenzene	11.645	112	432375	19.394	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.716	131	151927	19.101	ug/l	94
67) Ethyl Benzene	11.722	91	807824	19.366	ug/l	99
68) m/p-Xylenes	11.827	106	599792	37.973	ug/l	93
69) o-Xylene	12.157	106	310751	19.572	ug/l	98
70) Styrene	12.169	104	486273	19.203	ug/l	96
71) Bromoform	12.327	173	117522	18.427	ug/l #	97
73) Isopropylbenzene	12.457	105	778556	19.599	ug/l	100
74) N-amyl acetate	12.269	43	452413	18.590	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	296951	19.647	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	204905m	18.598	ug/l	
77) Bromobenzene	12.733	156	158921	18.674	ug/l	76
78) n-propylbenzene	12.798	91	916035	19.991	ug/l	94
79) 2-Chlorotoluene	12.880	91	522601	18.979	ug/l	97
80) 1,3,5-Trimethylbenzene	12.933	105	635358	20.043	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.498	75	100555	19.816	ug/l	98
82) 4-Chlorotoluene	12.980	91	496173	19.363	ug/l	97
83) tert-Butylbenzene	13.198	119	547839	19.351	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	636698	20.113	ug/l	98
85) sec-Butylbenzene	13.374	105	781657	19.647	ug/l	98
86) p-Isopropyltoluene	13.492	119	615569	19.530	ug/l	98
87) 1,3-Dichlorobenzene	13.492	146	294036	19.042	ug/l	98
88) 1,4-Dichlorobenzene	13.568	146	282680	17.912	ug/l	95
89) n-Butylbenzene	13.816	91	536402	19.290	ug/l	96
90) Hexachloroethane	14.080	117	128964	19.015	ug/l	83
91) 1,2-Dichlorobenzene	13.863	146	304789	18.915	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.480	75	57062	18.737	ug/l	87
93) 1,2,4-Trichlorobenzene	15.127	180	140019	19.450	ug/l	95
94) Hexachlorobutadiene	15.233	225	63035	17.890	ug/l	97
95) Naphthalene	15.362	128	577016	20.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	138935	19.386	ug/l	97

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

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