

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074454.D
 Acq On : 15 Sep 2022 11:00
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 15 19:06:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:05:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	423568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	821330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	720004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	298133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	70060	11.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	23.600%#		
35) Dibromofluoromethane	7.945	113	52084	10.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.340%#		
50) Toluene-d8	10.380	98	195524	10.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.540%#		
62) 4-Bromofluorobenzene	12.674	95	63875	9.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	43067	10.815	ug/l	97
3) Chloromethane	2.263	50	80724	16.106	ug/l	99
4) Vinyl Chloride	2.404	62	80497	19.225	ug/l	92
5) Bromomethane	2.781	94	48729	25.367	ug/l	99
6) Chloroethane	2.951	64	55831	20.701	ug/l	89
7) Trichlorofluoromethane	3.304	101	88084	13.947	ug/l	94
8) Diethyl Ether	3.757	74	43905	13.692	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.134	101	55549	13.144	ug/l	87
10) Methyl Iodide	4.351	142	64151	12.851	ug/l	92
11) Tert butyl alcohol	5.275	59	123476	78.413	ug/l #	86
12) 1,1-Dichloroethene	4.110	96	51525	12.253	ug/l	99
13) Acrolein	3.981	56	40266	63.952	ug/l	95
14) Allyl chloride	4.763	41	134442	14.600	ug/l #	91
15) Acrylonitrile	5.469	53	249602	68.654	ug/l	99
16) Acetone	4.216	43	215644	65.377	ug/l	97
17) Carbon Disulfide	4.451	76	137879	12.633	ug/l	96
18) Methyl Acetate	4.769	43	144860	15.887	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	225343	13.966	ug/l	100
20) Methylene Chloride	5.010	84	71792	12.932	ug/l #	81
21) trans-1,2-Dichloroethene	5.516	96	58223	12.609	ug/l	91
22) Diisopropyl ether	6.410	45	255587	14.645	ug/l #	94
23) Vinyl Acetate	6.345	43	1127709	70.332	ug/l	94
24) 1,1-Dichloroethane	6.304	63	127700	14.162	ug/l	98
25) 2-Butanone	7.257	43	371345	69.755	ug/l	90
26) 2,2-Dichloropropane	7.245	77	111151	13.815	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	73001	13.131	ug/l	85
28) Bromochloromethane	7.580	49	33675	9.669	ug/l #	70
29) Tetrahydrofuran	7.610	42	240569	68.170	ug/l	88
30) Chloroform	7.739	83	124233	13.787	ug/l	84
31) Cyclohexane	8.022	56	128425	15.106	ug/l	84
32) 1,1,1-Trichloroethane	7.939	97	102292	13.058	ug/l	95
36) 1,1-Dichloropropene	8.151	75	89048	12.439	ug/l	99
37) Ethyl Acetate	7.333	43	137950	11.967	ug/l	96
38) Carbon Tetrachloride	8.133	117	85333	11.563	ug/l	97
39) Methylcyclohexane	9.392	83	109702	12.638	ug/l	94
40) Benzene	8.392	78	294662	13.055	ug/l	94

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41) Methacrylonitrile	7.563	41	74303	13.628	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	94391	11.866	ug/l	100
43) Isopropyl Acetate	8.492	43	218571	13.161	ug/l #	93
44) Trichloroethene	9.151	130	57857	10.492	ug/l	84
45) 1,2-Dichloropropane	9.427	63	79064	13.529	ug/l	99
46) Dibromomethane	9.516	93	48583	12.528	ug/l #	83
47) Bromodichloromethane	9.698	83	99068	12.854	ug/l	94
48) Methyl methacrylate	9.498	41	94824	12.618	ug/l	89
49) 1,4-Dioxane	9.510	88	38628	234.364	ug/l #	88
51) 4-Methyl-2-Pentanone	10.269	43	729156	66.779	ug/l	92
52) Toluene	10.445	92	169441	12.280	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	107746	12.822	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	119419	13.032	ug/l	91
55) 1,1,2-Trichloroethane	10.839	97	69952	11.639	ug/l	90
56) Ethyl methacrylate	10.704	69	126066	12.890	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	121719	12.092	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	274735	63.712	ug/l	91
59) 2-Hexanone	11.027	43	558122	66.251	ug/l	92
60) Dibromochloromethane	11.174	129	66045	11.738	ug/l	100
61) 1,2-Dibromoethane	11.286	107	69924	11.853	ug/l	96
64) Tetrachloroethene	10.916	164	46167	10.510	ug/l	95
65) Chlorobenzene	11.710	112	173115	11.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	63202	11.600	ug/l	98
67) Ethyl Benzene	11.786	91	322037	12.539	ug/l	98
68) m/p-Xylenes	11.892	106	233433	23.281	ug/l	94
69) o-Xylene	12.215	106	115891	11.536	ug/l	89
70) Styrene	12.233	104	191856	11.855	ug/l	98
71) Bromoform	12.398	173	46743	11.442	ug/l #	99
73) Isopropylbenzene	12.521	105	301491	12.667	ug/l	97
74) N-amyl acetate	12.327	43	182539	14.363	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	116557	13.408	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	90005m	12.030	ug/l	
77) Bromobenzene	12.798	156	62566	11.264	ug/l	72
78) n-propylbenzene	12.863	91	349466	13.141	ug/l	96
79) 2-Chlorotoluene	12.951	91	207819	12.245	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	240480	12.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	42533	14.722	ug/l	96
82) 4-Chlorotoluene	13.045	91	192347	11.991	ug/l	99
83) tert-Butylbenzene	13.262	119	223593	12.561	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	237945	12.221	ug/l	100
85) sec-Butylbenzene	13.445	105	302537	12.590	ug/l	96
86) p-Isopropyltoluene	13.557	119	235616	12.198	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	112187	11.158	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	112368	11.111	ug/l	94
89) n-Butylbenzene	13.880	91	193792	12.053	ug/l	97
90) Hexachloroethane	14.151	117	51350	13.831	ug/l	77
91) 1,2-Dichlorobenzene	13.933	146	116877	11.214	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.545	75	24701	10.808	ug/l	82
93) 1,2,4-Trichlorobenzene	15.198	180	50834	9.026	ug/l	92
94) Hexachlorobutadiene	15.304	225	23361	9.576	ug/l	96
95) Naphthalene	15.439	128	220718	9.531	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	53875	8.927	ug/l	94

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

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