

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074288.D
 Acq On : 02 Sep 2022 15:42
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090222

Quant Time: Sep 03 04:39:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	306995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	549496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	527079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	249156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	245152	51.228	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.460%			
35) Dibromofluoromethane	7.945	113	194849	53.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	10.380	98	801159	55.798	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.600%			
62) 4-Bromofluorobenzene	12.668	95	269191	51.166	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	149274	51.345	ug/l	97
3) Chloromethane	2.269	50	200317	47.761	ug/l	100
4) Vinyl Chloride	2.404	62	405931	52.010	ug/l	99
5) Bromomethane	2.793	94	252453	48.116	ug/l	96
6) Chloroethane	2.957	64	311129	50.618	ug/l	98
7) Trichlorofluoromethane	3.310	101	250330	45.380	ug/l	98
8) Diethyl Ether	3.763	74	104738	46.631	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.140	101	158416	47.357	ug/l	93
10) Methyl Iodide	4.351	142	114359	48.629	ug/l #	89
11) Tert butyl alcohol	5.281	59	203821	234.762	ug/l	100
12) 1,1-Dichloroethene	4.110	96	145306	48.085	ug/l	97
13) Acrolein	3.975	56	119185	203.964	ug/l	94
14) Allyl chloride	4.757	41	230146	47.359	ug/l #	85
15) Acrylonitrile	5.469	53	538508	225.530	ug/l	98
16) Acetone	4.210	43	475584	237.791	ug/l	99
17) Carbon Disulfide	4.457	76	372885	49.411	ug/l	97
18) Methyl Acetate	4.769	43	253667	42.142	ug/l	98
19) Methyl tert-butyl Ether	5.528	73	606224	50.613	ug/l	99
20) Methylene Chloride	5.010	84	184721	50.201	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	170652	49.269	ug/l	97
22) Diisopropyl ether	6.404	45	594790	52.134	ug/l	93
23) Vinyl Acetate	6.345	43	2633166	265.538	ug/l	100
24) 1,1-Dichloroethane	6.298	63	333631	48.549	ug/l	98
25) 2-Butanone	7.257	43	808928	239.518	ug/l	97
26) 2,2-Dichloropropane	7.239	77	287137	51.428	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	214291	48.636	ug/l	99
28) Bromochloromethane	7.581	49	111610	46.873	ug/l	88
29) Tetrahydrofuran	7.604	42	519261	240.966	ug/l	98
30) Chloroform	7.745	83	378743	49.823	ug/l	99
31) Cyclohexane	8.022	56	300544	47.022	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	321929	51.057	ug/l	98
36) 1,1-Dichloropropene	8.145	75	274503	53.117	ug/l	97
37) Ethyl Acetate	7.333	43	317458	46.967	ug/l	98
38) Carbon Tetrachloride	8.133	117	268035	51.340	ug/l	97
39) Methylcyclohexane	9.392	83	346508	55.650	ug/l	96
40) Benzene	8.386	78	845441	51.857	ug/l	100

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41) Methacrylonitrile	7.563	41	144390	47.497	ug/l	97
42) 1,2-Dichloroethane	8.463	62	297571	49.068	ug/l	99
43) Isopropyl Acetate	8.492	43	503706	51.282	ug/l	97
44) Trichloroethene	9.145	130	191709	49.411	ug/l	93
45) 1,2-Dichloropropane	9.427	63	210590	51.929	ug/l	97
46) Dibromomethane	9.516	93	151645	49.041	ug/l #	87
47) Bromodichloromethane	9.698	83	301357	53.148	ug/l	99
48) Methyl methacrylate	9.492	41	215288	49.875	ug/l #	86
49) 1,4-Dioxane	9.504	88	110224	992.180	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	1783910	259.626	ug/l	97
52) Toluene	10.445	92	569684	56.546	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	325841	56.442	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	343191	54.184	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	222093	51.380	ug/l	95
56) Ethyl methacrylate	10.698	69	370536	57.579	ug/l #	95
57) 1,3-Dichloropropane	10.986	76	379381	51.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	829612	263.517	ug/l	96
59) 2-Hexanone	11.022	43	1373184	264.059	ug/l	96
60) Dibromochloromethane	11.174	129	233646	54.466	ug/l	98
61) 1,2-Dibromoethane	11.280	107	233118	53.829	ug/l	98
64) Tetrachloroethene	10.910	164	169047	51.020	ug/l	93
65) Chlorobenzene	11.710	112	583391	50.424	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	216612	50.595	ug/l	99
67) Ethyl Benzene	11.780	91	1135661	53.467	ug/l	96
68) m/p-Xylenes	11.892	106	857313	108.126	ug/l	95
69) o-Xylene	12.221	106	416864	52.677	ug/l	95
70) Styrene	12.233	104	710798	56.092	ug/l	99
71) Bromoform	12.398	173	166191	53.602	ug/l #	100
73) Isopropylbenzene	12.516	105	1119599	51.316	ug/l	99
74) N-amyl acetate	12.327	43	471976	50.723	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.768	83	386596	47.756	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	351967m	49.878	ug/l	
77) Bromobenzene	12.798	156	236018	48.733	ug/l	85
78) n-propylbenzene	12.857	91	1347009	54.012	ug/l	96
79) 2-Chlorotoluene	12.945	91	755121	49.317	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	925947	52.932	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	117966	54.268	ug/l	96
82) 4-Chlorotoluene	13.045	91	744699	51.807	ug/l	99
83) tert-Butylbenzene	13.263	119	823288	51.854	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	948971	53.553	ug/l	96
85) sec-Butylbenzene	13.439	105	1204939	54.359	ug/l	96
86) p-Isopropyltoluene	13.551	119	983963	56.983	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	461445	52.048	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	450457	50.969	ug/l	98
89) n-Butylbenzene	13.880	91	867299	57.571	ug/l	96
90) Hexachloroethane	14.145	117	167221	49.782	ug/l	77
91) 1,2-Dichlorobenzene	13.927	146	458072	49.291	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	78542	44.694	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	235518	51.168	ug/l	96
94) Hexachlorobutadiene	15.298	225	104424	54.243	ug/l	97
95) Naphthalene	15.433	128	907288	50.309	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	248044	52.899	ug/l	96

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

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