

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074460.D
 Acq On : 15 Sep 2022 14:14
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN091522

Quant Time: Sep 15 19:22:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 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	8.016	168	410446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	775125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	703216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	323594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	342757	49.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.440%		
35) Dibromofluoromethane	7.945	113	258593	50.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.440%		
50) Toluene-d8	10.380	98	1012940	50.868	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.740%		
62) 4-Bromofluorobenzene	12.674	95	367644	53.905	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.820%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	204544	45.790	ug/l	94
3) Chloromethane	2.263	50	373542	49.717	ug/l	100
4) Vinyl Chloride	2.404	62	376953	46.881	ug/l	97
5) Bromomethane	2.775	94	235113	55.447	ug/l	99
6) Chloroethane	2.951	64	302668	55.108	ug/l	97
7) Trichlorofluoromethane	3.310	101	415885	46.837	ug/l	100
8) Diethyl Ether	3.763	74	208146	45.968	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.134	101	263135	47.901	ug/l	90
10) Methyl Iodide	4.340	142	330326	50.973	ug/l	96
11) Tert butyl alcohol	5.281	59	487250	214.778	ug/l	99
12) 1,1-Dichloroethene	4.110	96	257492	47.621	ug/l	93
13) Acrolein	3.975	56	175033	211.272	ug/l	96
14) Allyl chloride	4.757	41	616718	47.778	ug/l	94
15) Acrylonitrile	5.463	53	1236085	242.526	ug/l	98
16) Acetone	4.216	43	994645	223.195	ug/l	99
17) Carbon Disulfide	4.451	76	702197	47.372	ug/l	96
18) Methyl Acetate	4.769	43	628764	45.426	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	1101155	48.332	ug/l	99
20) Methylene Chloride	5.010	84	329916	48.492	ug/l #	88
21) trans-1,2-Dichloroethene	5.510	96	297044	50.028	ug/l	89
22) Diisopropyl ether	6.404	45	1282361	49.474	ug/l #	94
23) Vinyl Acetate	6.339	43	5819010	254.537	ug/l	94
24) 1,1-Dichloroethane	6.304	63	628630	48.520	ug/l	99
25) 2-Butanone	7.251	43	1787544	241.593	ug/l	90
26) 2,2-Dichloropropane	7.239	77	525593	47.053	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	355160	46.732	ug/l	91
28) Bromochloromethane	7.575	49	187210	49.066	ug/l #	70
29) Tetrahydrofuran	7.604	42	1183628	243.308	ug/l #	86
30) Chloroform	7.745	83	601402	50.291	ug/l	98
31) Cyclohexane	8.022	56	582248	47.102	ug/l	83
32) 1,1,1-Trichloroethane	7.939	97	502840	47.944	ug/l	96
36) 1,1-Dichloropropene	8.145	75	446082	48.945	ug/l	95
37) Ethyl Acetate	7.328	43	689565	48.992	ug/l #	94
38) Carbon Tetrachloride	8.128	117	413787	49.174	ug/l	98
39) Methylcyclohexane	9.392	83	553807	51.102	ug/l	95
40) Benzene	8.386	78	1419554	50.370	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	353755	51.986	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	489674	50.631	ug/l	98
43) Isopropyl Acetate	8.492	43	1102516	50.008	ug/l #	93
44) Trichloroethene	9.145	130	294231	48.248	ug/l	93
45) 1,2-Dichloropropane	9.428	63	386463	49.896	ug/l	99
46) Dibromomethane	9.510	93	232761	47.983	ug/l #	85
47) Bromodichloromethane	9.698	83	488059	51.318	ug/l	97
48) Methyl methacrylate	9.498	41	496065	50.744	ug/l	87
49) 1,4-Dioxane	9.498	88	180184	958.698	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	3637695	252.669	ug/l	91
52) Toluene	10.445	92	867482	52.491	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	576892	52.046	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	599648	50.553	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	349315	49.900	ug/l	96
56) Ethyl methacrylate	10.698	69	648751	51.882	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	628536	51.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1403455	255.029	ug/l	90
59) 2-Hexanone	11.027	43	2771350	252.157	ug/l	90
60) Dibromochloromethane	11.174	129	352045	52.533	ug/l	100
61) 1,2-Dibromoethane	11.286	107	352097	51.775	ug/l	100
64) Tetrachloroethene	10.916	164	236965	49.102	ug/l	97
65) Chlorobenzene	11.710	112	880187	49.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	317905	49.563	ug/l	99
67) Ethyl Benzene	11.786	91	1693638	52.253	ug/l	98
68) m/p-Xylenes	11.892	106	1267026	105.728	ug/l	95
69) o-Xylene	12.221	106	633412	51.840	ug/l	96
70) Styrene	12.233	104	1049933	51.657	ug/l	98
71) Bromoform	12.398	173	246276	52.241	ug/l #	97
73) Isopropylbenzene	12.521	105	1635212	49.352	ug/l	98
74) N-amyl acetate	12.327	43	988135	47.698	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	608118	45.799	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	448744m	45.053	ug/l	
77) Bromobenzene	12.804	156	339697	47.994	ug/l	73
78) n-propylbenzene	12.863	91	2014054	51.037	ug/l	95
79) 2-Chlorotoluene	12.945	91	1158202	49.164	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	1362861	50.458	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.568	75	223692	48.471	ug/l	98
82) 4-Chlorotoluene	13.045	91	1122857	50.146	ug/l	96
83) tert-Butylbenzene	13.263	119	1191913	48.488	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	1340956	49.334	ug/l	98
85) sec-Butylbenzene	13.445	105	1742870	51.637	ug/l	96
86) p-Isopropyltoluene	13.557	119	1389870	52.820	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	644478	49.551	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	636868	48.721	ug/l	97
89) n-Butylbenzene	13.886	91	1279943	53.967	ug/l	97
90) Hexachloroethane	14.151	117	275032	48.038	ug/l	76
91) 1,2-Dichlorobenzene	13.927	146	661878	49.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	131052	44.698	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	329172	51.206	ug/l	98
94) Hexachlorobutadiene	15.304	225	135610	47.999	ug/l	100
95) Naphthalene	15.439	128	1322474	47.818	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	338953	50.859	ug/l	97

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

