

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073478.D
 Acq On : 15 Jul 2022 12:04
 Operator : JC\MD
 Sample : VN0715WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

Quant Time: Jul 16 04:12:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	191378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	328443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	297622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	141226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	155257	56.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.400%			
35) Dibromofluoromethane	7.945	113	121837	55.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.520%			
50) Toluene-d8	10.375	98	403992	52.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.100%			
62) 4-Bromofluorobenzene	12.669	95	158823	53.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	51085	18.258	ug/l	100
3) Chloromethane	2.269	50	49058	18.060	ug/l	99
4) Vinyl Chloride	2.405	62	41597	18.023	ug/l	99
5) Bromomethane	2.804	94	22714	20.836	ug/l	93
6) Chloroethane	2.963	64	27956	20.591	ug/l	92
7) Trichlorofluoromethane	3.322	101	77286	19.369	ug/l	100
8) Diethyl Ether	3.769	74	36608	22.537	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.146	101	46789	19.845	ug/l	96
10) Methyl Iodide	4.351	142	42201	16.114	ug/l	95
11) Tert butyl alcohol	5.281	59	73635	110.024	ug/l	99
12) 1,1-Dichloroethene	4.110	96	41574	18.454	ug/l	88
13) Acrolein	3.981	56	21255	50.246	ug/l	95
14) Allyl chloride	4.763	41	96193	20.268	ug/l #	91
15) Acrylonitrile	5.469	53	213420	123.875	ug/l	99
16) Acetone	4.216	43	188183	121.347	ug/l	94
17) Carbon Disulfide	4.457	76	90991	15.576	ug/l	96
18) Methyl Acetate	4.775	43	113422	26.099	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	182832	22.267	ug/l	99
20) Methylene Chloride	5.016	84	57562	21.121	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	44869	19.061	ug/l	97
22) Diisopropyl ether	6.410	45	205647	23.221	ug/l #	94
23) Vinyl Acetate	6.345	43	888735	112.084	ug/l #	92
24) 1,1-Dichloroethane	6.310	63	101130	22.066	ug/l	97
25) 2-Butanone	7.257	43	307975	124.736	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	74983	17.690	ug/l	97
27) cis-1,2-Dichloroethene	7.239	96	58564	20.544	ug/l	96
28) Bromochloromethane	7.581	49	43358	22.589	ug/l #	79
29) Tetrahydrofuran	7.610	42	210381	124.443	ug/l #	84
30) Chloroform	7.745	83	102345	22.172	ug/l	91
31) Cyclohexane	8.022	56	83086	18.363	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	81549	19.824	ug/l	99
36) 1,1-Dichloropropene	8.151	75	65571	19.502	ug/l	97
37) Ethyl Acetate	7.334	43	122057	24.025	ug/l #	93
38) Carbon Tetrachloride	8.134	117	68319	19.648	ug/l	96
39) Methylcyclohexane	9.392	83	76792	18.345	ug/l	94
40) Benzene	8.386	78	218256	21.033	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	62616	25.413	ug/l #	81
42) 1,2-Dichloroethane	8.463	62	85529	22.738	ug/l	97
43) Isopropyl Acetate	8.492	43	170498	23.351	ug/l	93
44) Trichloroethene	9.151	130	50131	18.984	ug/l	80
45) 1,2-Dichloropropane	9.422	63	59634	22.547	ug/l	96
46) Dibromomethane	9.516	93	38782	21.596	ug/l	92
47) Bromodichloromethane	9.698	83	78247	22.497	ug/l	99
48) Methyl methacrylate	9.492	41	73118	21.628	ug/l	90
49) 1,4-Dioxane	9.504	88	30014	467.671	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	588330	127.063	ug/l	90
52) Toluene	10.439	92	130521	20.353	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	79593	20.787	ug/l	95
54) cis-1,3-Dichloropropene	10.128	75	88217	21.341	ug/l	92
55) 1,1,2-Trichloroethane	10.839	97	59427	22.510	ug/l	98
56) Ethyl methacrylate	10.698	69	93310	21.867	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	102313	22.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	210353	110.534	ug/l	93
59) 2-Hexanone	11.022	43	443482	125.650	ug/l	88
60) Dibromochloromethane	11.175	129	57026	22.656	ug/l	99
61) 1,2-Dibromoethane	11.286	107	56537	21.440	ug/l	98
64) Tetrachloroethene	10.916	164	46417	19.099	ug/l	96
65) Chlorobenzene	11.710	112	135301	20.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	50949	20.579	ug/l	98
67) Ethyl Benzene	11.780	91	242455	19.841	ug/l	100
68) m/p-Xylenes	11.892	106	186017	40.334	ug/l	95
69) o-Xylene	12.222	106	94187	20.005	ug/l	99
70) Styrene	12.233	104	151549	20.849	ug/l	99
71) Bromoform	12.398	173	39723	21.927	ug/l #	98
73) Isopropylbenzene	12.516	105	238509	19.557	ug/l	98
74) N-amyl acetate	12.327	43	123412	20.210	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	92821	22.936	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	79542m	21.540	ug/l	
77) Bromobenzene	12.798	156	56132	19.797	ug/l	87
78) n-propylbenzene	12.857	91	275334	20.323	ug/l	96
79) 2-Chlorotoluene	12.945	91	174044	20.297	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	204149	20.538	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	26499	19.680	ug/l	87
82) 4-Chlorotoluene	13.045	91	162876	19.620	ug/l	96
83) tert-Butylbenzene	13.263	119	174579	19.590	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	201153	20.269	ug/l	96
85) sec-Butylbenzene	13.439	105	246137	20.569	ug/l	99
86) p-Isopropyltoluene	13.557	119	193565	20.024	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	100274	19.713	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	99953	19.612	ug/l	97
89) n-Butylbenzene	13.880	91	159389	19.787	ug/l	97
90) Hexachloroethane	14.145	117	36039	20.005	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	104723	20.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20866	21.213	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	53064	19.667	ug/l	99
94) Hexachlorobutadiene	15.298	225	23092	19.253	ug/l	97
95) Naphthalene	15.433	128	201033	18.470	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	55334	19.881	ug/l	96

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

