

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073153.D
 Acq On : 27 Jun 2022 11:33
 Operator : JC\MD
 Sample : VN0627WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 06:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	253072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	427222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	375547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	167928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186458	54.496	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.000%			
35) Dibromofluoromethane	7.951	113	140439	53.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.360%			
50) Toluene-d8	10.375	98	511672	52.074	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.140%			
62) 4-Bromofluorobenzene	12.669	95	186230	52.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	45222	18.768	ug/l	96
3) Chloromethane	2.263	50	43900	17.325	ug/l	99
4) Vinyl Chloride	2.405	62	37611	17.405	ug/l	96
5) Bromomethane	2.793	94	18789	22.088	ug/l	89
6) Chloroethane	2.963	64	26073	19.286	ug/l	94
7) Trichlorofluoromethane	3.316	101	77838	22.120	ug/l	97
8) Diethyl Ether	3.769	74	38043	20.948	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.140	101	48264	19.842	ug/l	98
10) Methyl Iodide	4.346	142	40951	14.688	ug/l	94
11) Tert butyl alcohol	5.287	59	94943	107.425	ug/l	100
12) 1,1-Dichloroethene	4.116	96	43256	17.852	ug/l	94
13) Acrolein	3.987	56	17804	51.149	ug/l	93
14) Allyl chloride	4.757	41	98078	18.946	ug/l #	93
15) Acrylonitrile	5.475	53	217836	106.920	ug/l	99
16) Acetone	4.222	43	198808	105.706	ug/l	97
17) Carbon Disulfide	4.457	76	85680	13.802	ug/l	97
18) Methyl Acetate	4.775	43	107008	21.366	ug/l	92
19) Methyl tert-butyl Ether	5.534	73	198377	21.800	ug/l	99
20) Methylene Chloride	5.016	84	56791	19.319	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	46370	17.594	ug/l	99
22) Diisopropyl ether	6.416	45	205973	21.343	ug/l	96
23) Vinyl Acetate	6.351	43	955304	107.235	ug/l #	94
24) 1,1-Dichloroethane	6.304	63	103545	20.465	ug/l	98
25) 2-Butanone	7.257	43	323421	108.368	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	85074	19.908	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	62986	20.003	ug/l	96
28) Bromochloromethane	7.581	49	45836	21.905	ug/l	85
29) Tetrahydrofuran	7.610	42	207793	105.434	ug/l	89
30) Chloroform	7.745	83	106577	20.808	ug/l	99
31) Cyclohexane	8.022	56	84140	18.180	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	89775	19.973	ug/l	100
36) 1,1-Dichloropropene	8.145	75	69707	19.509	ug/l	96
37) Ethyl Acetate	7.339	43	126774	22.182	ug/l #	94
38) Carbon Tetrachloride	8.134	117	75063	19.972	ug/l	97
39) Methylcyclohexane	9.392	83	79083	18.362	ug/l	92
40) Benzene	8.386	78	224203	19.966	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	61269	22.607	ug/l #	88
42) 1,2-Dichloroethane	8.463	62	88599	22.214	ug/l	99
43) Isopropyl Acetate	8.492	43	185620	22.721	ug/l	93
44) Trichloroethene	9.151	130	54584	19.181	ug/l	90
45) 1,2-Dichloropropane	9.422	63	60156	20.958	ug/l	99
46) Dibromomethane	9.510	93	41973	21.626	ug/l	93
47) Bromodichloromethane	9.698	83	83645	21.686	ug/l	96
48) Methyl methacrylate	9.492	41	81336	21.806	ug/l	91
49) 1,4-Dioxane	9.504	88	33394	397.902	ug/l #	86
51) 4-Methyl-2-Pentanone	10.269	43	611308	114.748	ug/l	91
52) Toluene	10.439	92	138744	20.125	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	91671	22.099	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	95812	21.146	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	64276	21.233	ug/l	98
56) Ethyl methacrylate	10.698	69	105629	21.771	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	108919	21.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	245521	114.617	ug/l	95
59) 2-Hexanone	11.022	43	470689	114.233	ug/l	89
60) Dibromochloromethane	11.175	129	63388	22.157	ug/l	98
61) 1,2-Dibromoethane	11.280	107	64151	21.497	ug/l	99
64) Tetrachloroethene	10.910	164	50011	21.890	ug/l	96
65) Chlorobenzene	11.710	112	148635	20.266	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	57661	20.656	ug/l	98
67) Ethyl Benzene	11.780	91	270023	20.914	ug/l	97
68) m/p-Xylenes	11.892	106	206978	40.874	ug/l	98
69) o-Xylene	12.216	106	104203	20.593	ug/l	96
70) Styrene	12.233	104	167852	20.656	ug/l	99
71) Bromoform	12.398	173	45275	21.511	ug/l #	97
73) Isopropylbenzene	12.516	105	268591	20.675	ug/l	100
74) N-amyl acetate	12.327	43	140567	20.850	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	99846	21.341	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	80769m	19.838	ug/l	
77) Bromobenzene	12.798	156	64930	20.862	ug/l	88
78) n-propylbenzene	12.857	91	304443	21.305	ug/l	97
79) 2-Chlorotoluene	12.945	91	188243	20.343	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	224356	21.024	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	29997	19.898	ug/l	87
82) 4-Chlorotoluene	13.039	91	185822	21.225	ug/l	97
83) tert-Butylbenzene	13.257	119	205910	21.069	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	224271	21.100	ug/l	97
85) sec-Butylbenzene	13.439	105	271687	20.839	ug/l	98
86) p-Isopropyltoluene	13.551	119	222552	21.084	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	113072	20.350	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	113498	20.182	ug/l	98
89) n-Butylbenzene	13.880	91	182416	21.165	ug/l	98
90) Hexachloroethane	14.145	117	41487	20.849	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	119157	20.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	25049	21.183	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	61111	19.056	ug/l	97
94) Hexachlorobutadiene	15.298	225	26918	19.289	ug/l	97
95) Naphthalene	15.433	128	251171	19.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	66806	19.509	ug/l	94

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

