

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073756.D
 Acq On : 05 Aug 2022 12:38
 Operator : JC\MD
 Sample : VN0805WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/08/2022
 Supervised By : Mahesh Dadoda 08/08/2022

Quant Time: Aug 07 20:48:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	342045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	537513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	493249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	235787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	205023	49.185	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.380%		
35) Dibromofluoromethane	7.951	113	170812	50.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.220%		
50) Toluene-d8	10.380	98	641815	48.322	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.640%		
62) 4-Bromofluorobenzene	12.668	95	207039	47.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	57912	17.456	ug/l	100
3) Chloromethane	2.269	50	73053	16.650	ug/l	98
4) Vinyl Chloride	2.404	62	90960	15.677	ug/l	100
5) Bromomethane	2.799	94	73208	21.755	ug/l	98
6) Chloroethane	2.963	64	63501	17.376	ug/l	91
7) Trichlorofluoromethane	3.316	101	107062	17.904	ug/l	97
8) Diethyl Ether	3.769	74	43399	19.328	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	64856	19.603	ug/l	99
10) Methyl Iodide	4.351	142	52058	15.478	ug/l	100
11) Tert butyl alcohol	5.281	59	88908	98.900	ug/l	100
12) 1,1-Dichloroethene	4.116	96	57612	17.753	ug/l	93
13) Acrolein	3.981	56	100070	112.283	ug/l	99
14) Allyl chloride	4.757	41	92024	17.736	ug/l	97
15) Acrylonitrile	5.475	53	246310	99.050	ug/l	99
16) Acetone	4.222	43	202481	90.439	ug/l	99
17) Carbon Disulfide	4.457	76	137324	15.959	ug/l	97
18) Methyl Acetate	4.775	43	113942	20.456	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	227421	20.513	ug/l	96
20) Methylene Chloride	5.016	84	76271	19.724	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	65960	18.776	ug/l	93
22) Diisopropyl ether	6.416	45	220584	19.706	ug/l	98
23) Vinyl Acetate	6.351	43	926625	98.736	ug/l	99
24) 1,1-Dichloroethane	6.304	63	127586	18.527	ug/l	97
25) 2-Butanone	7.257	43	331478	95.337	ug/l	99
26) 2,2-Dichloropropane	7.245	77	94637	17.862	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	81495	18.829	ug/l	95
28) Bromochloromethane	7.586	49	53084	18.359	ug/l	98
29) Tetrahydrofuran	7.610	42	214044	97.369	ug/l	99
30) Chloroform	7.745	83	135362	18.866	ug/l	99
31) Cyclohexane	8.022	56	106443	17.152	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	112750	18.926	ug/l	99
36) 1,1-Dichloropropene	8.151	75	89588	18.623	ug/l	100
37) Ethyl Acetate	7.339	43	134721	21.265	ug/l	97
38) Carbon Tetrachloride	8.133	117	93395	19.116	ug/l	100
39) Methylcyclohexane	9.392	83	112693	19.604	ug/l	95
40) Benzene	8.392	78	305296	19.544	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	58818	20.517	ug/l	98
42) 1,2-Dichloroethane	8.463	62	104183	19.789	ug/l	98
43) Isopropyl Acetate	8.498	43	178831	20.899	ug/l	99
44) Trichloroethene	9.151	130	76249	19.248	ug/l	96
45) 1,2-Dichloropropane	9.428	63	76200	19.516	ug/l	94
46) Dibromomethane	9.510	93	55681	20.547	ug/l	98
47) Bromodichloromethane	9.698	83	105080	20.203	ug/l	99
48) Methyl methacrylate	9.498	41	76828	20.511	ug/l	89
49) 1,4-Dioxane	9.504	88	44384	420.364	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	643354	104.825	ug/l	99
52) Toluene	10.445	92	191819	20.103	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	104774	20.391	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	118038	20.386	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	82629	20.767	ug/l	97
56) Ethyl methacrylate	10.704	69	120918	22.050	ug/l	99
57) 1,3-Dichloropropane	10.986	76	139797	20.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	257382	95.106	ug/l	100
59) 2-Hexanone	11.027	43	494581	106.363	ug/l	98
60) Dibromochloromethane	11.180	129	82648	20.879	ug/l	100
61) 1,2-Dibromoethane	11.286	107	83618	20.405	ug/l	99
64) Tetrachloroethene	10.916	164	72754	18.560	ug/l	94
65) Chlorobenzene	11.710	112	208177	19.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	78179	20.804	ug/l	99
67) Ethyl Benzene	11.786	91	350389	19.824	ug/l	100
68) m/p-Xylenes	11.892	106	277923	41.227	ug/l	98
69) o-Xylene	12.221	106	137118	20.863	ug/l	98
70) Styrene	12.233	104	221026	21.008	ug/l	98
71) Bromoform	12.398	173	65131	20.998	ug/l #	99
73) Isopropylbenzene	12.521	105	344546	19.962	ug/l	100
74) N-amyl acetate	12.327	43	134188	20.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	132481	19.891	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	93506m	19.694	ug/l	
77) Bromobenzene	12.798	156	89161	19.836	ug/l	97
78) n-propylbenzene	12.863	91	390594	20.112	ug/l	99
79) 2-Chlorotoluene	12.945	91	239188	19.733	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	291297	20.508	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	35485	19.503	ug/l	98
82) 4-Chlorotoluene	13.045	91	229757	20.000	ug/l	97
83) tert-Butylbenzene	13.263	119	250984	19.949	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	287684	20.598	ug/l	100
85) sec-Butylbenzene	13.439	105	350165	20.137	ug/l	100
86) p-Isopropyltoluene	13.557	119	286670	20.913	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	158349	19.300	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	159702	19.454	ug/l	98
89) n-Butylbenzene	13.880	91	219662	19.694	ug/l	97
90) Hexachloroethane	14.151	117	53280	19.590	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	162735	19.574	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	27412	20.484	ug/l	94
93) 1,2,4-Trichlorobenzene	15.192	180	83759	20.287	ug/l	99
94) Hexachlorobutadiene	15.298	225	45057	20.074	ug/l	98
95) Naphthalene	15.433	128	284036	21.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	89474	20.591	ug/l	99

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

