

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073387.D
 Acq On : 08 Jul 2022 12:50
 Operator : JC\MD
 Sample : VN0708WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 05:23:11 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	235954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	395315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	359716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	164210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	169598	49.790	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.580%		
35) Dibromofluoromethane	7.951	113	132701	50.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.900%		
50) Toluene-d8	10.374	98	456274	48.845	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.700%		
62) 4-Bromofluorobenzene	12.668	95	180773	50.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	62399	18.088	ug/l	98
3) Chloromethane	2.269	50	57948	17.302	ug/l	93
4) Vinyl Chloride	2.404	62	48912	17.188	ug/l	93
5) Bromomethane	2.804	94	24739	18.406	ug/l	99
6) Chloroethane	2.963	64	30707	18.344	ug/l	99
7) Trichlorofluoromethane	3.316	101	91598	18.619	ug/l	95
8) Diethyl Ether	3.769	74	39638	19.793	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	53775	18.499	ug/l	98
10) Methyl Iodide	4.357	142	51910	16.084	ug/l	96
11) Tert butyl alcohol	5.281	59	87147	105.614	ug/l	99
12) 1,1-Dichloroethene	4.116	96	50629	18.227	ug/l	95
13) Acrolein	3.981	56	52569	100.794	ug/l	94
14) Allyl chloride	4.763	41	110532	18.889	ug/l #	94
15) Acrylonitrile	5.475	53	226250	106.513	ug/l	99
16) Acetone	4.222	43	204036	106.714	ug/l	93
17) Carbon Disulfide	4.457	76	115841	16.084	ug/l	98
18) Methyl Acetate	4.775	43	117308	21.894	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	207181	20.465	ug/l	97
20) Methylene Chloride	5.016	84	62690	18.657	ug/l #	86
21) trans-1,2-Dichloroethene	5.510	96	51494	17.742	ug/l	93
22) Diisopropyl ether	6.410	45	224073	20.522	ug/l	96
23) Vinyl Acetate	6.345	43	997165	102.001	ug/l	95
24) 1,1-Dichloroethane	6.304	63	112837	19.969	ug/l	97
25) 2-Butanone	7.257	43	328914	108.050	ug/l	90
26) 2,2-Dichloropropane	7.239	77	95616	18.296	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	65837	18.732	ug/l	93
28) Bromochloromethane	7.586	49	52912	22.359	ug/l	84
29) Tetrahydrofuran	7.610	42	219731	105.419	ug/l #	86
30) Chloroform	7.745	83	111520	19.595	ug/l	98
31) Cyclohexane	8.016	56	99812	17.892	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	95015	18.734	ug/l	99
36) 1,1-Dichloropropene	8.151	75	78328	19.355	ug/l	98
37) Ethyl Acetate	7.333	43	127335	20.824	ug/l #	96
38) Carbon Tetrachloride	8.133	117	78765	18.821	ug/l	96
39) Methylcyclohexane	9.392	83	94850	18.826	ug/l	90
40) Benzene	8.386	78	246752	19.757	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	59338	20.009	ug/l	88
42) 1,2-Dichloroethane	8.463	62	94354	20.841	ug/l	98
43) Isopropyl Acetate	8.492	43	187562	21.343	ug/l	93
44) Trichloroethene	9.145	130	60519	19.041	ug/l	98
45) 1,2-Dichloropropane	9.427	63	65816	20.675	ug/l	96
46) Dibromomethane	9.516	93	43307	20.036	ug/l	93
47) Bromodichloromethane	9.692	83	87438	20.887	ug/l	98
48) Methyl methacrylate	9.492	41	82590	20.298	ug/l	90
49) 1,4-Dioxane	9.504	88	31673	410.037	ug/l #	82
51) 4-Methyl-2-Pentanone	10.269	43	627631	112.621	ug/l	90
52) Toluene	10.439	92	152058	19.701	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	94974	20.608	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	102708	20.643	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	65033	20.466	ug/l	97
56) Ethyl methacrylate	10.698	69	105220	20.487	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	112179	20.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	240307	104.913	ug/l	97
59) 2-Hexanone	11.021	43	473345	111.425	ug/l	90
60) Dibromochloromethane	11.174	129	63245	20.876	ug/l	98
61) 1,2-Dibromoethane	11.280	107	65630	20.678	ug/l	97
64) Tetrachloroethene	10.916	164	57348	19.524	ug/l	96
65) Chlorobenzene	11.710	112	157951	19.415	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	60844	20.333	ug/l	98
67) Ethyl Benzene	11.780	91	288961	19.565	ug/l	96
68) m/p-Xylenes	11.892	106	221107	39.667	ug/l	96
69) o-Xylene	12.216	106	111939	19.672	ug/l	98
70) Styrene	12.233	104	179560	20.438	ug/l	98
71) Bromoform	12.398	173	46241	21.119	ug/l #	99
73) Isopropylbenzene	12.515	105	291905	20.585	ug/l	98
74) N-amyl acetate	12.327	43	142382	20.053	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	99216	21.085	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	89109m	20.753	ug/l	
77) Bromobenzene	12.798	156	65989	20.016	ug/l	85
78) n-propylbenzene	12.857	91	321472	20.407	ug/l	98
79) 2-Chlorotoluene	12.945	91	204324	20.493	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	235987	20.418	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.568	75	31246	19.957	ug/l	93
82) 4-Chlorotoluene	13.045	91	191367	19.826	ug/l	98
83) tert-Butylbenzene	13.262	119	209836	20.251	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	233574	20.241	ug/l	99
85) sec-Butylbenzene	13.439	105	285173	20.495	ug/l	98
86) p-Isopropyltoluene	13.557	119	232034	20.644	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	116427	19.685	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	119961	20.243	ug/l	99
89) n-Butylbenzene	13.880	91	187911	20.063	ug/l	98
90) Hexachloroethane	14.145	117	42395	20.239	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	123496	20.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	24258	21.210	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	61974	19.755	ug/l	99
94) Hexachlorobutadiene	15.298	225	27811	19.942	ug/l	98
95) Naphthalene	15.433	128	247191	19.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	64769	20.014	ug/l	97

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

