

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071014.D
 Acq On : 18 Feb 2022 20:39
 Operator : JC\MD
 Sample : VN0218WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 19 03:40:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	619942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1005712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	912001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	342980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	375204	52.982	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.960%			
35) Dibromofluoromethane	8.016	113	297569	49.744	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.480%			
50) Toluene-d8	10.439	98	1185703	49.357	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.720%			
62) 4-Bromofluorobenzene	12.727	95	371875	43.307	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	105957	16.456	ug/l	98
3) Chloromethane	2.299	50	151027	18.661	ug/l	100
4) Vinyl Chloride	2.440	62	138739	17.124	ug/l	96
5) Bromomethane	2.840	94	77731	16.889	ug/l	100
6) Chloroethane	3.010	64	90076	16.947	ug/l	96
7) Trichlorofluoromethane	3.375	101	181622	17.888	ug/l	98
8) Diethyl Ether	3.822	74	77698	17.604	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	101934	16.363	ug/l	97
10) Methyl Iodide	4.428	142	141987	16.458	ug/l	97
11) Tert butyl alcohol	5.369	59	126570	98.071	ug/l	99
12) 1,1-Dichloroethene	4.181	96	100964	16.635	ug/l	99
13) Acrolein	4.040	56	100440	87.093	ug/l	98
14) Allyl chloride	4.845	41	202764	17.517	ug/l	87
15) Acrylonitrile	5.545	53	405476	106.662	ug/l	99
16) Acetone	4.287	43	320927	82.288	ug/l	95
17) Carbon Disulfide	4.534	76	257981	14.822	ug/l	99
18) Methyl Acetate	4.851	43	178904	20.596	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	396990	18.647	ug/l	93
20) Methylene Chloride	5.093	84	129941	18.333	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	111342	17.092	ug/l	95
22) Diisopropyl ether	6.492	45	445675	20.075	ug/l	92
23) Vinyl Acetate	6.428	43	1845501	98.203	ug/l	98
24) 1,1-Dichloroethane	6.387	63	230644	18.533	ug/l	98
25) 2-Butanone	7.328	43	534934	103.106	ug/l	97
26) 2,2-Dichloropropane	7.322	77	166802	16.127	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	136000	18.165	ug/l	93
28) Bromochloromethane	7.657	49	100723	19.997	ug/l	86
29) Tetrahydrofuran	7.681	42	377148	112.213	ug/l	92
30) Chloroform	7.816	83	228061	18.632	ug/l	97
31) Cyclohexane	8.092	56	219640	17.933	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	190982	18.068	ug/l	97
36) 1,1-Dichloropropene	8.222	75	161606	16.490	ug/l	97
37) Ethyl Acetate	7.404	43	224254	21.336	ug/l	98
38) Carbon Tetrachloride	8.204	117	162556	16.834	ug/l	99
39) Methylcyclohexane	9.457	83	191717	15.203	ug/l	94
40) Benzene	8.457	78	519283	17.913	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	97591	17.629	ug/l	98
42) 1,2-Dichloroethane	8.528	62	182245	18.458	ug/l	99
43) Isopropyl Acetate	8.557	43	321812	19.425	ug/l	98
44) Trichloroethene	9.216	130	125648	16.459	ug/l	96
45) 1,2-Dichloropropane	9.486	63	136331	18.359	ug/l	97
46) Dibromomethane	9.575	93	87921	17.991	ug/l	98
47) Bromodichloromethane	9.757	83	171791	17.394	ug/l	94
48) Methyl methacrylate	9.557	41	154200	19.664	ug/l #	86
49) 1,4-Dioxane	9.563	88	55160	396.037	ug/l	88
51) 4-Methyl-2-Pentanone	10.327	43	1066905	105.845	ug/l	98
52) Toluene	10.498	92	324064	17.790	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	175806	16.370	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	199098	16.881	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	130736	18.335	ug/l	98
56) Ethyl methacrylate	10.757	69	203393	18.932	ug/l	93
57) 1,3-Dichloropropane	11.039	76	230773	18.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	175101	95.752	ug/l	96
59) 2-Hexanone	11.080	43	727220	104.901	ug/l	99
60) Dibromochloromethane	11.233	129	131168	17.406	ug/l	98
61) 1,2-Dibromoethane	11.339	107	128527	17.721	ug/l	98
64) Tetrachloroethene	10.975	164	112432	15.830	ug/l	99
65) Chlorobenzene	11.769	112	338452	17.222	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	124035	17.315	ug/l	98
67) Ethyl Benzene	11.839	91	591934	17.209	ug/l	96
68) m/p-Xylenes	11.951	106	443917	33.412	ug/l	99
69) o-Xylene	12.280	106	223794	17.243	ug/l	99
70) Styrene	12.292	104	340657	16.507	ug/l	98
71) Bromoform	12.457	173	93886	16.456	ug/l #	98
73) Isopropylbenzene	12.574	105	561556	20.341	ug/l	100
74) N-amyl acetate	12.386	43	185006	20.965	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	196110	22.354	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	170384m	21.099	ug/l	
77) Bromobenzene	12.857	156	132377	19.588	ug/l	85
78) n-propylbenzene	12.916	91	593475	19.133	ug/l	98
79) 2-Chlorotoluene	13.004	91	380132	20.180	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	449847	20.113	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	48039	19.277	ug/l	90
82) 4-Chlorotoluene	13.098	91	343054	18.762	ug/l	95
83) tert-Butylbenzene	13.321	119	400199	18.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	430915	19.572	ug/l	99
85) sec-Butylbenzene	13.498	105	515467	18.443	ug/l	98
86) p-Isopropyltoluene	13.610	119	410536	17.893	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	206479	17.259	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	195957	16.718	ug/l	96
89) n-Butylbenzene	13.939	91	281155	15.019	ug/l	96
90) Hexachloroethane	14.204	117	77336	18.874	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	205734	18.313	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29104	20.476	ug/l	93
93) 1,2,4-Trichlorobenzene	15.262	180	73176	13.124	ug/l	99
94) Hexachlorobutadiene	15.368	225	56359	13.757	ug/l	98
95) Naphthalene	15.504	128	160265	14.398	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	72637	14.366	ug/l	98

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

