

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071629.D
 Acq On : 29 Mar 2022 14:07
 Operator : JC\MD
 Sample : VN0329WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/30/2022
 Supervised By : Mahesh Dadoda 03/30/2022

Quant Time: Mar 30 06:03:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	619632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	982799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	885420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	355001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	372032	50.075	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.140%			
35) Dibromofluoromethane	8.016	113	300165	49.730	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.460%			
50) Toluene-d8	10.439	98	1233441	49.541	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.080%			
62) 4-Bromofluorobenzene	12.727	95	397775	48.975	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	120373	19.831	ug/l	96
3) Chloromethane	2.299	50	140770	19.707	ug/l	98
4) Vinyl Chloride	2.446	62	156252	19.691	ug/l	99
5) Bromomethane	2.846	94	107264	23.005	ug/l	93
6) Chloroethane	3.010	64	104061	18.516	ug/l	99
7) Trichlorofluoromethane	3.375	101	190890	20.183	ug/l	99
8) Diethyl Ether	3.822	74	81544	20.721	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.216	101	117990	20.533	ug/l	98
10) Methyl Iodide	4.422	142	165200	19.491	ug/l	98
11) Tert butyl alcohol	5.357	59	111743	85.179	ug/l	100
12) 1,1-Dichloroethene	4.181	96	113513	20.409	ug/l	90
13) Acrolein	4.040	56	91968	84.019	ug/l	99
14) Allyl chloride	4.840	41	177653	20.012	ug/l	98
15) Acrylonitrile	5.546	53	345844	94.392	ug/l	99
16) Acetone	4.281	43	331034	108.085	ug/l	98
17) Carbon Disulfide	4.534	76	275876	19.916	ug/l	99
18) Methyl Acetate	4.846	43	158626	19.458	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	416304	20.497	ug/l	97
20) Methylene Chloride	5.093	84	136749	20.200	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	123276	20.724	ug/l	98
22) Diisopropyl ether	6.487	45	397635	20.953	ug/l	98
23) Vinyl Acetate	6.428	43	1643712	102.670	ug/l	99
24) 1,1-Dichloroethane	6.387	63	232754	20.596	ug/l	99
25) 2-Butanone	7.322	43	456782	95.813	ug/l	98
26) 2,2-Dichloropropane	7.322	77	199589	20.549	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	153926	21.056	ug/l	97
28) Bromochloromethane	7.651	49	83228	18.232	ug/l	99
29) Tetrahydrofuran	7.675	42	294307	95.098	ug/l	99
30) Chloroform	7.816	83	246569	21.288	ug/l	98
31) Cyclohexane	8.092	56	213651	20.592	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	205220	20.428	ug/l	99
36) 1,1-Dichloropropene	8.216	75	176937	20.391	ug/l	99
37) Ethyl Acetate	7.404	43	181786	19.160	ug/l	99
38) Carbon Tetrachloride	8.198	117	172736	20.088	ug/l	98
39) Methylcyclohexane	9.451	83	223607	20.835	ug/l	100
40) Benzene	8.457	78	551441	20.699	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	88225	19.118	ug/l	97
42) 1,2-Dichloroethane	8.522	62	190871	20.729	ug/l	99
43) Isopropyl Acetate	8.551	43	286605	18.613	ug/l	100
44) Trichloroethene	9.210	130	144167	20.589	ug/l	91
45) 1,2-Dichloropropane	9.486	63	137528	20.955	ug/l	98
46) Dibromomethane	9.569	93	93972	20.921	ug/l	99
47) Bromodichloromethane	9.757	83	183912	20.781	ug/l	99
48) Methyl methacrylate	9.551	41	122538	17.932	ug/l	93
49) 1,4-Dioxane	9.563	88	55681	370.090	ug/l	92
51) 4-Methyl-2-Pentanone	10.322	43	892676	95.956	ug/l	100
52) Toluene	10.498	92	362072	21.134	ug/l	98
53) t-1,3-Dichloropropene	10.710	75	198960	20.680	ug/l	100
54) cis-1,3-Dichloropropene	10.181	75	216395	20.674	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	143066	20.737	ug/l	98
56) Ethyl methacrylate	10.751	69	208315	20.206	ug/l	98
57) 1,3-Dichloropropane	11.039	76	241309	20.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	190269	74.990	ug/l	100
59) 2-Hexanone	11.080	43	640223	96.197	ug/l	99
60) Dibromochloromethane	11.233	129	143716	20.773	ug/l	98
61) 1,2-Dibromoethane	11.339	107	143671	20.570	ug/l	98
64) Tetrachloroethene	10.975	164	126456	20.636	ug/l	98
65) Chlorobenzene	11.763	112	384009	20.785	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	134507	20.286	ug/l	98
67) Ethyl Benzene	11.839	91	670405	21.017	ug/l	99
68) m/p-Xylenes	11.945	106	517688	42.721	ug/l	99
69) o-Xylene	12.275	106	256801	21.092	ug/l	100
70) Styrene	12.286	104	401278	21.588	ug/l	99
71) Bromoform	12.451	173	105229	20.165	ug/l #	100
73) Isopropylbenzene	12.574	105	653084	21.032	ug/l	100
74) N-amyl acetate	12.380	43	185794	19.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	204281	19.654	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	167962m	19.705	ug/l	
77) Bromobenzene	12.857	156	158202	20.260	ug/l	98
78) n-propylbenzene	12.916	91	697673	20.839	ug/l	99
79) 2-Chlorotoluene	13.004	91	443441	21.151	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	530636	21.647	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	54931	18.601	ug/l	97
82) 4-Chlorotoluene	13.098	91	409187	20.925	ug/l	100
83) tert-Butylbenzene	13.316	119	470225	20.901	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	520854	21.695	ug/l	100
85) sec-Butylbenzene	13.498	105	622898	20.957	ug/l	100
86) p-Isopropyltoluene	13.610	119	508268	21.522	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	256270	20.328	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	248488	19.856	ug/l	98
89) n-Butylbenzene	13.939	91	370434	20.758	ug/l	99
90) Hexachloroethane	14.204	117	87941	19.830	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	250304	20.267	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	30184	16.798	ug/l	95
93) 1,2,4-Trichlorobenzene	15.257	180	107175	19.649	ug/l	98
94) Hexachlorobutadiene	15.363	225	71664	20.850	ug/l	99
95) Naphthalene	15.504	128	244424	17.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	99848	18.281	ug/l	99

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

