

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
 Data File : VN071148.D
 Acq On : 03 Mar 2022 13:09
 Operator : JC\MD
 Sample : VN0303WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 04 01:12:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	588193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	952563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	856946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	341470	50.000	ug/l	0.00

03/04/2022
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 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	368575	54.855	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.720%	
35) Dibromofluoromethane	8.016	113	288331	50.889	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.780%	
50) Toluene-d8	10.439	98	1098515	48.279	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.560%	
62) 4-Bromofluorobenzene	12.727	95	368634	45.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.660%	

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	102133	16.718	ug/l	98
3) Chloromethane	2.299	50	144430	18.809	ug/l	100
4) Vinyl Chloride	2.446	62	132376	17.221	ug/l	99
5) Bromomethane	2.846	94	77836	17.825	ug/l	93
6) Chloroethane	3.016	64	83153	16.489	ug/l	99
7) Trichlorofluoromethane	3.375	101	182449	18.940	ug/l	98
8) Diethyl Ether	3.828	74	82467	19.692	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.216	101	110858	18.757	ug/l	94
10) Methyl Iodide	4.422	142	145295	17.750	ug/l	97
11) Tert butyl alcohol	5.363	59	144154	117.725	ug/l	99
12) 1,1-Dichloroethene	4.187	96	101524	17.630	ug/l	99
13) Acrolein	4.040	56	83164	76.005	ug/l	99
14) Allyl chloride	4.840	41	223175	20.321	ug/l	86
15) Acrylonitrile	5.551	53	439142	121.753	ug/l	99
16) Acetone	4.281	43	358405	96.858	ug/l	94
17) Carbon Disulfide	4.534	76	234000	14.170	ug/l #	95
18) Methyl Acetate	4.851	43	205139	25.018	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	442970	21.929	ug/l	97
20) Methylene Chloride	5.098	84	135039	20.080	ug/l	92
21) trans-1,2-Dichloroethene	5.604	96	110603	17.895	ug/l	93
22) Diisopropyl ether	6.492	45	499897	23.733	ug/l	95
23) Vinyl Acetate	6.428	43	2091776	117.316	ug/l	98
24) 1,1-Dichloroethane	6.386	63	248344	21.033	ug/l	99
25) 2-Butanone	7.328	43	594223	120.716	ug/l	97
26) 2,2-Dichloropropane	7.322	77	190234	19.385	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	140694	19.806	ug/l	91
28) Bromochloromethane	7.657	49	115746	24.220	ug/l	83
29) Tetrahydrofuran	7.681	42	406454	127.460	ug/l	92
30) Chloroform	7.816	83	240169	20.681	ug/l	97
31) Cyclohexane	8.098	56	224562	19.325	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	198790	19.822	ug/l	96
36) 1,1-Dichloropropene	8.222	75	170451	18.362	ug/l	97
37) Ethyl Acetate	7.404	43	240138	24.122	ug/l	99
38) Carbon Tetrachloride	8.204	117	168531	18.427	ug/l	96
39) Methylcyclohexane	9.457	83	201034	16.831	ug/l	94
40) Benzene	8.457	78	536369	19.534	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	125881	24.008	ug/l	90
42) 1,2-Dichloroethane	8.527	62	196845	21.049	ug/l	99
43) Isopropyl Acetate	8.557	43	369454	23.545	ug/l	97
44) Trichloroethene	9.216	130	126327	17.472	ug/l	97
45) 1,2-Dichloropropane	9.486	63	149452	21.249	ug/l	98
46) Dibromomethane	9.575	93	93146	20.124	ug/l	96
47) Bromodichloromethane	9.757	83	189431	20.250	ug/l	99
48) Methyl methacrylate	9.557	41	172090	23.170	ug/l #	83
49) 1,4-Dioxane	9.563	88	60631	459.607	ug/l #	83
51) 4-Methyl-2-Pentanone	10.327	43	1193185	124.978	ug/l	100
52) Toluene	10.504	92	332774	19.287	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	199968	19.659	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	222988	19.962	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	141416	20.939	ug/l	98
56) Ethyl methacrylate	10.757	69	221963	21.813	ug/l	92
57) 1,3-Dichloropropane	11.039	76	249095	21.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	177047	100.071	ug/l	95
59) 2-Hexanone	11.080	43	819297	124.777	ug/l	100
60) Dibromochloromethane	11.233	129	141109	19.771	ug/l	98
61) 1,2-Dibromoethane	11.339	107	139882	20.363	ug/l	97
64) Tetrachloroethene	10.974	164	111947	16.774	ug/l	97
65) Chlorobenzene	11.768	112	348683	18.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	130900	19.447	ug/l	98
67) Ethyl Benzene	11.839	91	615272	19.037	ug/l	98
68) m/p-Xylenes	11.951	106	465313	37.273	ug/l	98
69) o-Xylene	12.280	106	233271	19.128	ug/l	96
70) Styrene	12.292	104	365633	18.856	ug/l	97
71) Bromoform	12.457	173	100718	18.788	ug/l #	99
73) Isopropylbenzene	12.574	105	595760	21.675	ug/l	99
74) N-amyl acetate	12.386	43	215931	24.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	213609	24.457	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	164891m	20.509	ug/l	
77) Bromobenzene	12.857	156	139095	20.673	ug/l	80
78) n-propylbenzene	12.915	91	646634	20.939	ug/l	98
79) 2-Chlorotoluene	13.004	91	408647	21.790	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	478028	21.468	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	53518	21.570	ug/l	94
82) 4-Chlorotoluene	13.104	91	382104	20.990	ug/l	94
83) tert-Butylbenzene	13.321	119	430531	20.387	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	463601	21.150	ug/l	100
85) sec-Butylbenzene	13.498	105	579002	20.808	ug/l	99
86) p-Isopropyltoluene	13.610	119	457337	20.021	ug/l	98
87) 1,3-Dichlorobenzene	13.615	146	228582	19.191	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	222506	19.067	ug/l	97
89) n-Butylbenzene	13.939	91	317027	17.011	ug/l	95
90) Hexachloroethane	14.209	117	86274	21.148	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	227548	20.345	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	33763	23.859	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	93021	16.204	ug/l	98
94) Hexachlorobutadiene	15.362	225	64759	15.878	ug/l	98
95) Naphthalene	15.504	128	212343	17.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	91334	17.482	ug/l	99

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

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