

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066367.D
 Acq On : 29 Mar 2021 11:31
 Operator : JC/MD
 Sample : VN0329WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:50:40 PM

Quant Time: Mar 30 01:52:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	456773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	705349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	629511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	295226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	299106	49.26	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	98.52%	
35) Dibromofluoromethane	7.504	113	235286	50.32	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	100.64%	
50) Toluene-d8	10.025	98	873866	49.27	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.345	95	299517	48.62	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	97.24%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	116164	20.19	ug/l	99
3) Chloromethane	2.017	50	131203	20.98	ug/l	99
4) Vinyl Chloride	2.146	62	138644	21.06	ug/l	99
5) Bromomethane	2.516	94	96125	21.76	ug/l	98
6) Chloroethane	2.650	64	85479	20.83	ug/l	99
7) Trichlorofluoromethane	2.961	101	191077	21.10	ug/l	98
8) Diethyl Ether	3.339	74	76161	20.65	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.677	101	107061	20.94	ug/l	99
10) Methyl Iodide	3.865	142	152353	21.01	ug/l	100
11) Tert butyl alcohol	4.707	59	95579	103.21	ug/l #	86
12) 1,1-Dichloroethene	3.656	96	106538	20.35	ug/l	97
13) Acrolein	3.529	56	49447	79.22	ug/l	100
14) Allyl chloride	4.227	41	219479	21.20	ug/l	99
15) Acrylonitrile	4.876	53	269159	104.22	ug/l	100
16) Acetone	3.736	43	321027	97.85	ug/l	98
17) Carbon Disulfide	3.961	76	317735	20.56	ug/l	100
18) Methyl Acetate	4.235	43	189405	22.10	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	309672	19.95	ug/l	99
20) Methylene Chloride	4.449	84	127231	21.35	ug/l	98
21) trans-1,2-Dichloroethene	4.927	96	95059	20.03	ug/l	95
22) Diisopropyl ether	5.857	45	322227	19.95	ug/l	98
23) Vinyl Acetate	5.793	43	1411744	102.66	ug/l	99
24) 1,1-Dichloroethane	5.737	63	180991	20.29	ug/l	97
25) 2-Butanone	6.742	43	362385	101.05	ug/l	97
26) 2,2-Dichloropropane	6.721	77	158258	19.91	ug/l	100
27) cis-1,2-Dichloroethene	6.726	96	112046	20.23	ug/l	98
28) Bromochloromethane	7.099	49	91463	20.35	ug/l	100
29) Tetrahydrofuran	7.123	42	239927	102.54	ug/l	99
30) Chloroform	7.282	83	181149	20.33	ug/l	100
31) Cyclohexane	7.566	56	164856	19.62	ug/l	97
32) 1,1,1-Trichloroethane	7.483	97	157504	20.11	ug/l	100
36) 1,1-Dichloropropene	7.703	75	131833	19.90	ug/l	99
37) Ethyl Acetate	6.839	43	147904	20.28	ug/l	97
38) Carbon Tetrachloride	7.689	117	130961	19.66	ug/l	99
39) Methylcyclohexane	9.009	83	162248	20.09	ug/l	97
40) Benzene	7.960	78	408128	20.39	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	66427	18.36	ug/l	96
42) 1,2-Dichloroethane	8.043	62	146396	20.42	ug/l	100
43) Isopropyl Acetate	8.091	43	255430	20.49	ug/l	99
44) Trichloroethene	8.762	130	105751	20.09	ug/l	98
45) 1,2-Dichloropropane	9.046	63	108612	20.37	ug/l	98
46) Dibromomethane	9.137	93	70870	20.28	ug/l	99
47) Bromodichloromethane	9.333	83	145704	20.19	ug/l	100
48) Methyl methacrylate	9.132	41	117614	19.83	ug/l	98
49) 1,4-Dioxane	9.132	88	29626	397.39	ug/l	99
51) 4-Methyl-2-Pentanone	9.921	43	747425	102.59	ug/l	100
52) Toluene	10.090	92	247524	20.15	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	156426	19.95	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	169419	20.12	ug/l	99
55) 1,1,2-Trichloroethane	10.500	97	101634	20.58	ug/l	98
56) Ethyl methacrylate	10.368	69	149328	19.71	ug/l	99
57) 1,3-Dichloropropane	10.645	76	166056	20.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	87326	119.60	ug/l	99
59) 2-Hexanone	10.690	43	526212	103.10	ug/l	99
60) Dibromochloromethane	10.841	129	110623	20.17	ug/l	98
61) 1,2-Dibromoethane	10.945	107	103067	20.01	ug/l	98
64) Tetrachloroethene	10.570	164	103372	19.29	ug/l	99
65) Chlorobenzene	11.374	112	256875	20.47	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	99458	20.58	ug/l	99
67) Ethyl Benzene	11.452	91	464927	20.41	ug/l	99
68) m/p-Xylenes	11.562	106	349864	40.42	ug/l	98
69) o-Xylene	11.889	106	167361	20.04	ug/l	99
70) Styrene	11.905	104	273920	20.23	ug/l	99
71) Bromoform	12.069	173	83019	20.66	ug/l #	99
73) Isopropylbenzene	12.192	105	443104	20.18	ug/l	99
74) N-amyl acetate	12.015	43	151644	19.63	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	144493	20.66	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	129927m	20.06	ug/l	
77) Bromobenzene	12.468	156	113134	20.40	ug/l	99
78) n-propylbenzene	12.536	91	491956	20.60	ug/l	99
79) 2-Chlorotoluene	12.616	91	295323	20.11	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	363164	20.22	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	43924	20.39	ug/l	99
82) 4-Chlorotoluene	12.715	91	297113	20.33	ug/l	100
83) tert-Butylbenzene	12.935	119	312132	20.19	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	353859	20.28	ug/l	100
85) sec-Butylbenzene	13.115	105	404872	20.21	ug/l	99
86) p-Isopropyltoluene	13.233	119	361389	20.14	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	190055	20.43	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	196242	20.31	ug/l	98
89) n-Butylbenzene	13.557	91	303371	20.47	ug/l	97
90) Hexachloroethane	13.815	117	64871	20.05	ug/l	98
91) 1,2-Dichlorobenzene	13.598	146	188922	20.65	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	27682	20.64	ug/l	97
93) 1,2,4-Trichlorobenzene	14.853	180	116397	20.52	ug/l	99
94) Hexachlorobutadiene	14.947	225	61088	19.74	ug/l	98
95) Naphthalene	15.070	128	342938	21.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	114171	20.02	ug/l	98

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

