

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066213.D
 Acq On : 16 Mar 2021 14:34
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda

3/17/2021 4:24:46 PM

Quant Time: Mar 16 14:53:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:53:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	345994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	535145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	490923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.284	152	249922	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.944	65	753864	137.57	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 275.14%#	
35) Dibromofluoromethane	7.501	113	537853	150.43	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 300.86%#	
50) Toluene-d8	10.025	98	2111734	148.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 297.14%#	
62) 4-Bromofluorobenzene	12.342	95	762314	144.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 289.82%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.818	85	470247	128.90	ug/l	100
3) Chloromethane	2.017	50	728253	109.82	ug/l	98
4) Vinyl Chloride	2.148	62	684905	136.10	ug/l	99
5) Bromomethane	2.505	94	390173	133.16	ug/l	97
6) Chloroethane	2.647	64	393183	134.56	ug/l	99
7) Trichlorofluoromethane	2.961	101	836890	141.60	ug/l	97
8) Diethyl Ether	3.342	74	328942	139.14	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.677	101	442581	145.37	ug/l	97
10) Methyl Iodide	3.867	142	616070	151.34	ug/l	97
11) Tert butyl alcohol	4.731	59	490940	572.64	ug/l #	87
12) 1,1-Dichloroethene	3.658	96	445646	139.44	ug/l	99
13) Acrolein	3.529	56	425504	439.13	ug/l	100
14) Allyl chloride	4.224	41	1199853	143.85	ug/l	98
15) Acrylonitrile	4.878	53	1794870	713.17	ug/l	100
16) Acetone	3.739	43	1898280	669.60	ug/l	99
17) Carbon Disulfide	3.964	76	1304255	136.81	ug/l	100
18) Methyl Acetate	4.232	43	971748	142.03	ug/l	98
19) Methyl tert-butyl Ether	4.940	73	1852828	149.27	ug/l	98
20) Methylene Chloride	4.447	84	516297	127.00	ug/l	95
21) trans-1,2-Dichloroethene	4.927	96	531642	147.13	ug/l	98
22) Diisopropyl ether	5.855	45	2465826	148.00	ug/l	96
23) Vinyl Acetate	5.793	43	9800948	710.78	ug/l #	96
24) 1,1-Dichloroethane	5.739	63	1158183	141.95	ug/l	100
25) 2-Butanone	6.742	43	2782165	668.60	ug/l	98
26) 2,2-Dichloropropane	6.721	77	966217	135.90	ug/l	100
27) cis-1,2-Dichloroethene	6.726	96	628036	142.90	ug/l	96
28) Bromochloromethane	7.099	49	656980	144.62	ug/l	96
29) Tetrahydrofuran	7.123	42	1834995	665.25	ug/l	99
30) Chloroform	7.281	83	1076634	138.89	ug/l	97
31) Cyclohexane	7.563	56	1082003	134.53	ug/l	99
32) 1,1,1-Trichloroethane	7.480	97	907995	137.08	ug/l	99
36) 1,1-Dichloropropene	7.705	75	843533	151.11	ug/l	99
37) Ethyl Acetate	6.836	43	1061838	136.54	ug/l	97
38) Carbon Tetrachloride	7.686	117	768055	147.78	ug/l	100
39) Methylcyclohexane	9.006	83	965342	149.50	ug/l	98
40) Benzene	7.957	78	2490970	147.82	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	588314	144.28	ug/l	97
42) 1,2-Dichloroethane	8.043	62	906153	140.28	ug/l	98
43) Isopropyl Acetate	8.089	43	1837783	141.15	ug/l	98
44) Trichloroethene	8.762	130	608498	147.45	ug/l	98
45) 1,2-Dichloropropane	9.046	63	733002	141.18	ug/l	99
46) Dibromomethane	9.137	93	408810	142.21	ug/l	98
47) Bromodichloromethane	9.333	83	883672	143.84	ug/l	98
48) Methyl methacrylate	9.132	41	896902	146.03	ug/l	97
49) 1,4-Dioxane	9.143	88	161335	2414.54	ug/l	98
51) 4-Methyl-2-Pentanone	9.920	43	5124295	659.10	ug/l	95
52) Toluene	10.089	92	1508060	150.40	ug/l	100
53) t-1,3-Dichloropropene	10.317	75	1070810	153.41	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	1129573	149.89	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	594221	143.85	ug/l	97
56) Ethyl methacrylate	10.368	69	1013828	156.04	ug/l	95
57) 1,3-Dichloropropane	10.645	76	1078889	143.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.628	63	551295	314.88	ug/l	99
59) 2-Hexanone	10.693	43	3914221	698.39	ug/l	95
60) Dibromochloromethane	10.840	129	651655	151.94	ug/l	97
61) 1,2-Dibromoethane	10.942	107	608190	145.56	ug/l	100
64) Tetrachloroethene	10.570	164	606645	144.55	ug/l	96
65) Chlorobenzene	11.371	112	1534840	153.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	595922	154.69	ug/l	100
67) Ethyl Benzene	11.452	91	2864859	159.10	ug/l	98
68) m/p-Xylenes	11.562	106	2136685	318.34	ug/l	95
69) o-Xylene	11.889	106	1011492	154.89	ug/l	97
70) Styrene	11.905	104	1737048	164.39	ug/l	99
71) Bromoform	12.066	173	471913	159.78	ug/l #	99
73) Isopropylbenzene	12.192	105	2705908	145.41	ug/l	98
74) N-amyl acetate	12.012	43	1479300	164.78	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	877884	129.58	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	942288m	155.46	ug/l	
77) Bromobenzene	12.466	156	661700	141.10	ug/l	98
78) n-propylbenzene	12.533	91	3207173	149.30	ug/l	98
79) 2-Chlorotoluene	12.616	91	1866201	138.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.675	105	2266730	145.64	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	341107	152.90	ug/l	95
82) 4-Chlorotoluene	12.715	91	2000775	150.03	ug/l	99
83) tert-Butylbenzene	12.935	119	1907986	145.79	ug/l	99
84) 1,2,4-Trimethylbenzene	12.981	105	2270497	148.04	ug/l	98
85) sec-Butylbenzene	13.115	105	2613998	149.60	ug/l	99
86) p-Isopropyltoluene	13.230	119	2374127	153.79	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	1226115	150.85	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	1248200	148.32	ug/l	97
89) n-Butylbenzene	13.557	91	2253916	163.71	ug/l	98
90) Hexachloroethane	13.815	117	391607	156.95	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	1206786	151.38	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.209	75	196145	140.94	ug/l	92
93) 1,2,4-Trichlorobenzene	14.847	180	865761	185.89	ug/l	100
94) Hexachlorobutadiene	14.946	225	399697	146.35	ug/l	99
95) Naphthalene	15.067	128	2335458	172.70	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	826273	175.40	ug/l	98

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

