

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011821\
 Data File : VN065546.D
 Acq On : 18 Jan 2021 16:55
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011821

Manual Integrations
 APPROVED

MMDadoda
 1/19/2021 6:07:26 PM

Quant Time: Jan 19 01:23:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 18 18:11:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	266347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	381762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	360851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	190785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	121643	49.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.88%		
35) Dibromofluoromethane	7.547	113	114517	50.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.48%		
50) Toluene-d8	10.058	98	431074	50.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.76%		
62) 4-Bromofluorobenzene	12.373	95	163012	50.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.54%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.849	85	106702	51.08	ug/l	98
3) Chloromethane	2.055	50	132981	50.23	ug/l	100
4) Vinyl Chloride	2.180	62	148789	51.52	ug/l	98
5) Bromomethane	2.541	94	111212	62.29	ug/l	100
6) Chloroethane	2.685	64	95033	51.26	ug/l	98
7) Trichlorofluoromethane	3.000	101	199382	51.96	ug/l	98
8) Diethyl Ether	3.386	74	81788	52.46	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.721	101	122497	53.84	ug/l	95
10) Methyl Iodide	3.913	142	188633	50.63	ug/l	92
11) Tert butyl alcohol	4.769	59	80078	255.19	ug/l	100
12) 1,1-Dichloroethene	3.701	96	122322	50.66	ug/l	97
13) Acrolein	3.576	56	88723	237.06	ug/l	99
14) Allyl chloride	4.277	41	171450	53.54	ug/l	96
15) Acrylonitrile	4.942	53	259048	254.35	ug/l	100
16) Acetone	3.788	43	196702	245.64	ug/l	91
17) Carbon Disulfide	4.010	76	306665	51.41	ug/l	100
18) Methyl Acetate	4.290	43	113312	46.66	ug/l	97
19) Methyl tert-butyl Ether	5.003	73	361061	53.66	ug/l	99
20) Methylene Chloride	4.505	84	132977	49.56	ug/l	97
21) trans-1,2-Dichloroethene	4.991	96	125180	52.72	ug/l	97
22) Diisopropyl ether	5.913	45	358756	53.24	ug/l	98
23) Vinyl Acetate	5.849	43	1421212	265.55	ug/l	97
24) 1,1-Dichloroethane	5.801	63	217250	52.34	ug/l	100
25) 2-Butanone	6.794	43	302631	247.29	ug/l	92
26) 2,2-Dichloropropane	6.775	77	173934	51.19	ug/l	97
27) cis-1,2-Dichloroethene	6.782	96	144895	53.01	ug/l	94
28) Bromochloromethane	7.151	49	81782	47.87	ug/l	86
29) Tetrahydrofuran	7.174	42	208983	252.32	ug/l	94
30) Chloroform	7.328	83	222679	52.51	ug/l	100
31) Cyclohexane	7.611	56	187655	50.52	ug/l	99
32) 1,1,1-Trichloroethane	7.527	97	189183	52.16	ug/l	99
36) 1,1-Dichloropropene	7.749	75	170070	53.87	ug/l	97
37) Ethyl Acetate	6.888	43	131227	48.33	ug/l	99
38) Carbon Tetrachloride	7.730	117	169386	53.91	ug/l	99
39) Methylcyclohexane	9.045	83	206685	55.50	ug/l	96
40) Benzene	8.000	78	519292	52.83	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	65402	47.13	ug/l	92
42) 1,2-Dichloroethane	8.084	62	164816	52.75	ug/l	99
43) Isopropyl Acetate	8.129	43	229301	52.62	ug/l	97
44) Trichloroethene	8.801	130	158139	53.95	ug/l	91
45) 1,2-Dichloropropane	9.084	63	135610	53.94	ug/l	98
46) Dibromomethane	9.174	93	89242	52.54	ug/l #	88
47) Bromodichloromethane	9.367	83	175958	54.70	ug/l	100
48) Methyl methacrylate	9.167	41	113886	52.74	ug/l	93
49) 1,4-Dioxane	9.167	88	37466	1042.96	ug/l	96
51) 4-Methyl-2-Pentanone	9.952	43	666220	252.91	ug/l	96
52) Toluene	10.122	92	339986	54.58	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	198956	54.55	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	221031	55.56	ug/l	94
55) 1,1,2-Trichloroethane	10.531	97	133318	53.34	ug/l	96
56) Ethyl methacrylate	10.399	69	184515	48.77	ug/l	95
57) 1,3-Dichloropropane	10.675	76	217539	53.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.662	63	427278	263.63	ug/l	97
59) 2-Hexanone	10.720	43	480321	253.88	ug/l	95
60) Dibromochloromethane	10.871	129	154132	55.80	ug/l	99
61) 1,2-Dibromoethane	10.974	107	140951	53.20	ug/l	100
64) Tetrachloroethene	10.601	164	174344	51.49	ug/l	94
65) Chlorobenzene	11.402	112	386775	52.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	144684	54.02	ug/l	100
67) Ethyl Benzene	11.482	91	656501	54.46	ug/l	98
68) m/p-Xylenes	11.592	106	518813	108.65	ug/l	96
69) o-Xylene	11.920	106	247550	53.78	ug/l	97
70) Styrene	11.936	104	422525	55.45	ug/l	97
71) Bromoform	12.100	173	118966	47.90	ug/l #	100
73) Isopropylbenzene	12.222	105	655132	53.32	ug/l	98
74) N-amyl acetate	12.042	43	206687	51.19	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.476	83	173699	47.93	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	165139m	47.79	ug/l	
77) Bromobenzene	12.498	156	185757	51.38	ug/l	85
78) n-propylbenzene	12.563	91	739502	53.91	ug/l	96
79) 2-Chlorotoluene	12.646	91	431586	51.06	ug/l	94
80) 1,3,5-Trimethylbenzene	12.704	105	565573	54.07	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.273	75	62122	52.26	ug/l	96
82) 4-Chlorotoluene	12.746	91	455724	52.58	ug/l	94
83) tert-Butylbenzene	12.965	119	490068	53.76	ug/l	95
84) 1,2,4-Trimethylbenzene	13.013	105	575544	54.77	ug/l	99
85) sec-Butylbenzene	13.145	105	644823	54.36	ug/l	98
86) p-Isopropyltoluene	13.260	119	612992	55.54	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	325546	53.15	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	324303	51.65	ug/l	97
89) n-Butylbenzene	13.588	91	502123	56.24	ug/l	97
90) Hexachloroethane	13.846	117	100962	55.86	ug/l	78
91) 1,2-Dichlorobenzene	13.627	146	319673	51.81	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	33604	47.95	ug/l	80
93) 1,2,4-Trichlorobenzene	14.881	180	205348	52.63	ug/l	98
94) Hexachlorobutadiene	14.981	225	113514	50.86	ug/l	99
95) Naphthalene	15.103	128	489121	49.41	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	191901	51.23	ug/l	98

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

