

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066154.D
 Acq On : 9 Mar 2021 12:40
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN030921

Manual Integrations
 APPROVED

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 3/10/2021 1:44:26 PM

Quant Time: Mar 10 02:55:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	216509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	372556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	347772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	158220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	184881	45.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.50%		
35) Dibromofluoromethane	7.507	113	119247	46.92	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.84%		
50) Toluene-d8	10.028	98	479901	47.99	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.98%		
62) 4-Bromofluorobenzene	12.345	95	170402	45.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.54%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	130213	48.10	ug/l	100
3) Chloromethane	2.017	50	218601	44.66	ug/l	98
4) Vinyl Chloride	2.148	62	182533	47.09	ug/l	99
5) Bromomethane	2.521	94	97578	46.93	ug/l	99
6) Chloroethane	2.658	64	103024	48.32	ug/l	98
7) Trichlorofluoromethane	2.966	101	199621	47.79	ug/l	96
8) Diethyl Ether	3.344	74	82387	47.84	ug/l	56
9) 1,1,2-Trichlorotrifluo...	3.682	101	99725	50.28	ug/l	94
10) Methyl Iodide	3.870	142	110610	43.54	ug/l #	89
11) Tert butyl alcohol	4.715	59	154330	220.73	ug/l	99
12) 1,1-Dichloroethene	3.661	96	100416	45.76	ug/l #	66
13) Acrolein	3.535	56	89686	223.41	ug/l	98
14) Allyl chloride	4.227	41	334851	49.01	ug/l #	86
15) Acrylonitrile	4.884	53	485177	240.85	ug/l	99
16) Acetone	3.741	43	538677	260.98	ug/l #	86
17) Carbon Disulfide	3.967	76	334574	48.39	ug/l	97
18) Methyl Acetate	4.237	43	255449	49.55	ug/l #	85
19) Methyl tert-butyl Ether	4.943	73	474374	47.62	ug/l	94
20) Methylene Chloride	4.452	84	138996	45.68	ug/l #	74
21) trans-1,2-Dichloroethene	4.935	96	126638	48.50	ug/l #	71
22) Diisopropyl ether	5.857	45	655247	48.08	ug/l #	90
23) Vinyl Acetate	5.796	43	2882305	245.66	ug/l #	90
24) 1,1-Dichloroethane	5.745	63	298203	47.88	ug/l	95
25) 2-Butanone	6.742	43	793108	247.93	ug/l #	83
26) 2,2-Dichloropropane	6.726	77	239755	46.98	ug/l	93
27) cis-1,2-Dichloroethene	6.732	96	152190	47.90	ug/l	76
28) Bromochloromethane	7.102	49	166039	46.43	ug/l #	62
29) Tetrahydrofuran	7.126	42	521881	234.91	ug/l #	79
30) Chloroform	7.284	83	264109	47.28	ug/l	96
31) Cyclohexane	7.571	56	279649	47.47	ug/l #	80
32) 1,1,1-Trichloroethane	7.483	97	219031	46.97	ug/l	94
36) 1,1-Dichloropropene	7.711	75	207096	48.89	ug/l	93
37) Ethyl Acetate	6.836	43	309423	47.89	ug/l #	94
38) Carbon Tetrachloride	7.689	117	179084	48.54	ug/l	99
39) Methylcyclohexane	9.009	83	232359	51.78	ug/l #	84
40) Benzene	7.960	78	605999	48.92	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	152024	48.97	ug/l #	100
42) 1,2-Dichloroethane	8.049	62	236751	46.96	ug/l	94
43) Isopropyl Acetate	8.091	43	511398	48.70	ug/l #	83
44) Trichloroethene	8.765	130	139680	47.59	ug/l	89
45) 1,2-Dichloropropane	9.049	63	185828	49.37	ug/l	100
46) Dibromomethane	9.140	93	101622	50.00	ug/l	90
47) Bromodichloromethane	9.336	83	217490	48.33	ug/l	99
48) Methyl methacrylate	9.135	41	242781	47.25	ug/l #	80
49) 1,4-Dioxane	9.140	88	42008	890.43	ug/l #	75
51) 4-Methyl-2-Pentanone	9.921	43	1566589	245.83	ug/l	88
52) Toluene	10.092	92	361679	49.48	ug/l	97
53) t-1,3-Dichloropropene	10.320	75	264591	49.70	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	284174	49.81	ug/l #	86
55) 1,1,2-Trichloroethane	10.503	97	142725	50.07	ug/l	95
56) Ethyl methacrylate	10.371	69	254845	51.15	ug/l #	76
57) 1,3-Dichloropropane	10.647	76	271551	49.27	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.631	63	439109	225.63	ug/l #	87
59) 2-Hexanone	10.693	43	1152270	252.92	ug/l	88
60) Dibromochloromethane	10.840	129	152198	50.59	ug/l	100
61) 1,2-Dibromoethane	10.945	107	145489	49.94	ug/l	99
64) Tetrachloroethene	10.570	164	144181	50.28	ug/l	97
65) Chlorobenzene	11.374	112	365905	49.95	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	137367	50.49	ug/l	98
67) Ethyl Benzene	11.452	91	687022	49.99	ug/l	96
68) m/p-Xylenes	11.565	106	492802	99.50	ug/l	94
69) o-Xylene	11.889	106	234586	49.20	ug/l	93
70) Styrene	11.908	104	394480	50.40	ug/l	94
71) Bromoform	12.069	173	102245	49.84	ug/l #	100
73) Isopropylbenzene	12.192	105	627814	50.94	ug/l	98
74) N-amyl acetate	12.015	43	364965	47.62	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.447	83	219403	49.74	ug/l	97
76) 1,2,3-Trichloropropane	12.495	75	222146m	46.85	ug/l	
77) Bromobenzene	12.466	156	142298	49.77	ug/l	73
78) n-propylbenzene	12.535	91	750639	51.23	ug/l	96
79) 2-Chlorotoluene	12.616	91	435921	49.17	ug/l	95
80) 1,3,5-Trimethylbenzene	12.678	105	524880	50.38	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.243	75	78896	51.95	ug/l	92
82) 4-Chlorotoluene	12.715	91	458220	50.56	ug/l	94
83) tert-Butylbenzene	12.935	119	424668	48.16	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	519137	50.67	ug/l	99
85) sec-Butylbenzene	13.115	105	594151	51.14	ug/l	98
86) p-Isopropyltoluene	13.233	119	527448	51.09	ug/l	97
87) 1,3-Dichlorobenzene	13.225	146	255406	49.09	ug/l	97
88) 1,4-Dichlorobenzene	13.305	146	255561	48.69	ug/l	96
89) n-Butylbenzene	13.557	91	497947	52.35	ug/l	98
90) Hexachloroethane	13.817	117	78858	49.33	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	255281	49.39	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.212	75	49854	44.47	ug/l	79
93) 1,2,4-Trichlorobenzene	14.850	180	164490	49.61	ug/l	99
94) Hexachlorobutadiene	14.949	225	73939	50.18	ug/l	100
95) Naphthalene	15.067	128	524748	53.74	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	166263	52.60	ug/l	99

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

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