

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066161.D
 Acq On : 9 Mar 2021 19:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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Quant Time: Mar 10 02:58:42 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

3/10/2021 1:44:31 PM

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	177092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	308579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	292954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	144862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	161772	48.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.82%		
35) Dibromofluoromethane	7.515	113	101610	48.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.54%		
50) Toluene-d8	10.030	98	401000	48.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.82%		
62) 4-Bromofluorobenzene	12.345	95	152434	49.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.88%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.821	85	113872	51.42	ug/l	95
3) Chloromethane	2.017	50	186285	46.53	ug/l	99
4) Vinyl Chloride	2.148	62	161284	50.87	ug/l	100
5) Bromomethane	2.524	94	85222	50.11	ug/l	100
6) Chloroethane	2.658	64	89066	51.07	ug/l	98
7) Trichlorofluoromethane	2.969	101	175416	51.34	ug/l	99
8) Diethyl Ether	3.347	74	71713	50.91	ug/l	53
9) 1,1,2-Trichlorotrifluo...	3.682	101	86597	53.38	ug/l	91
10) Methyl Iodide	3.875	142	93624	44.96	ug/l #	86
11) Tert butyl alcohol	4.723	59	148030	258.84	ug/l	100
12) 1,1-Dichloroethene	3.663	96	89335	49.78	ug/l #	63
13) Acrolein	3.537	56	73991	225.48	ug/l	97
14) Allyl chloride	4.235	41	293153	52.46	ug/l #	87
15) Acrylonitrile	4.889	53	428467	260.04	ug/l	99
16) Acetone	3.747	43	377781	223.77	ug/l	88
17) Carbon Disulfide	3.969	76	286764	50.70	ug/l	98
18) Methyl Acetate	4.243	43	229608	54.45	ug/l #	85
19) Methyl tert-butyl Ether	4.951	73	414754	50.90	ug/l #	87
20) Methylene Chloride	4.460	84	122632	49.27	ug/l #	71
21) trans-1,2-Dichloroethene	4.937	96	110152	51.58	ug/l #	72
22) Diisopropyl ether	5.865	45	580326	52.06	ug/l #	90
23) Vinyl Acetate	5.804	43	2531000	263.73	ug/l #	90
24) 1,1-Dichloroethane	5.750	63	261050	51.25	ug/l	94
25) 2-Butanone	6.750	43	663369	253.53	ug/l #	84
26) 2,2-Dichloropropane	6.729	77	203647	48.79	ug/l	93
27) cis-1,2-Dichloroethene	6.737	96	131613	50.64	ug/l	75
28) Bromochloromethane	7.107	49	145633	49.79	ug/l #	63
29) Tetrahydrofuran	7.131	42	465269	256.04	ug/l #	78
30) Chloroform	7.289	83	236449	51.75	ug/l	97
31) Cyclohexane	7.574	56	238062	49.41	ug/l #	82
32) 1,1,1-Trichloroethane	7.491	97	194746	51.05	ug/l	95
36) 1,1-Dichloropropene	7.716	75	174959	49.87	ug/l	94
37) Ethyl Acetate	6.844	43	275096	51.40	ug/l #	93
38) Carbon Tetrachloride	7.694	117	159254	52.11	ug/l	98
39) Methylcyclohexane	9.014	83	193803	52.15	ug/l #	85
40) Benzene	7.965	78	527315	51.39	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	130545	50.77	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	213204	51.06	ug/l	94
43) Isopropyl Acetate	8.094	43	448267	51.54	ug/l #	82
44) Trichloroethene	8.767	130	122939	50.57	ug/l	92
45) 1,2-Dichloropropane	9.051	63	162393	52.08	ug/l	100
46) Dibromomethane	9.143	93	86765	51.54	ug/l	91
47) Bromodichloromethane	9.341	83	189899	50.95	ug/l	99
48) Methyl methacrylate	9.137	41	215104	50.54	ug/l #	77
49) 1,4-Dioxane	9.143	88	37687	964.47	ug/l #	71
51) 4-Methyl-2-Pentanone	9.923	43	1387351	262.84	ug/l	88
52) Toluene	10.095	92	305521	50.47	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	224770	50.97	ug/l	97
54) cis-1,3-Dichloropropene	9.778	75	240728	50.94	ug/l #	84
55) 1,1,2-Trichloroethane	10.505	97	124092	52.56	ug/l	95
56) Ethyl methacrylate	10.371	69	214966	52.09	ug/l #	74
57) 1,3-Dichloropropane	10.650	76	234444	51.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	375817	232.74	ug/l #	86
59) 2-Hexanone	10.693	43	997489	264.34	ug/l	86
60) Dibromochloromethane	10.843	129	129464	51.95	ug/l	99
61) 1,2-Dibromoethane	10.948	107	123914	51.36	ug/l	99
64) Tetrachloroethene	10.572	164	121555	50.32	ug/l	97
65) Chlorobenzene	11.374	112	308648	50.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.452	131	119065	51.95	ug/l	99
67) Ethyl Benzene	11.454	91	590511	51.01	ug/l	96
68) m/p-Xylenes	11.564	106	429628	102.98	ug/l	94
69) o-Xylene	11.892	106	210432	52.39	ug/l	95
70) Styrene	11.908	104	351562	53.32	ug/l	95
71) Bromoform	12.071	173	90140	52.16	ug/l #	97
73) Isopropylbenzene	12.192	105	544879	48.29	ug/l	98
74) N-amyl acetate	12.015	43	324631	46.35	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.450	83	200300	49.59	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	201990m	46.53	ug/l	
77) Bromobenzene	12.468	156	129157	49.34	ug/l	71
78) n-propylbenzene	12.535	91	666112	49.65	ug/l	95
79) 2-Chlorotoluene	12.618	91	394349	48.58	ug/l	95
80) 1,3,5-Trimethylbenzene	12.677	105	478332	50.15	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.246	75	69047	49.66	ug/l	94
82) 4-Chlorotoluene	12.718	91	416808	50.23	ug/l	93
83) tert-Butylbenzene	12.938	119	389374	48.23	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	485066	51.71	ug/l	99
85) sec-Butylbenzene	13.115	105	531327	49.95	ug/l	97
86) p-Isopropyltoluene	13.233	119	479408	50.72	ug/l	98
87) 1,3-Dichlorobenzene	13.227	146	242140	50.84	ug/l	97
88) 1,4-Dichlorobenzene	13.308	146	245610	51.11	ug/l	97
89) n-Butylbenzene	13.560	91	446083	51.22	ug/l	98
90) Hexachloroethane	13.815	117	74270	50.74	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	235146	49.69	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.212	75	48454	47.21	ug/l	78
93) 1,2,4-Trichlorobenzene	14.850	180	149188	49.17	ug/l	99
94) Hexachlorobutadiene	14.949	225	66019	48.94	ug/l	100
95) Naphthalene	15.070	128	505434	56.54	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	145483	50.27	ug/l	98

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

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