

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066494.D
 Acq On : 6 Apr 2021 15:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040621

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:47:37 PM

Quant Time: Apr 07 04:45:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.579	168	288258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	436769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	412869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	202843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.941	65	177698	46.81	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.62%		
35) Dibromofluoromethane	7.501	113	139911	47.00	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.00%		
50) Toluene-d8	10.025	98	556992	49.24	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.48%		
62) 4-Bromofluorobenzene	12.342	95	184581	50.32	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	152606	46.85	ug/l	99
3) Chloromethane	2.014	50	182570	42.80	ug/l	99
4) Vinyl Chloride	2.143	62	210149	43.77	ug/l	100
5) Bromomethane	2.499	94	148804	42.57	ug/l	100
6) Chloroethane	2.642	64	140757	44.77	ug/l	100
7) Trichlorofluoromethane	2.953	101	289946	45.95	ug/l	99
8) Diethyl Ether	3.333	74	79309	45.99	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.677	101	125749	46.84	ug/l	98
10) Methyl Iodide	3.865	142	179063	45.70	ug/l	99
11) Tert butyl alcohol	4.677	59	122242	199.56	ug/l #	85
12) 1,1-Dichloroethene	3.655	96	123301	46.02	ug/l	91
13) Acrolein	3.527	56	68255	206.27	ug/l	99
14) Allyl chloride	4.227	41	216968	47.95	ug/l	96
15) Acrylonitrile	4.868	53	371939	214.23	ug/l	99
16) Acetone	3.728	43	394842	248.15	ug/l	98
17) Carbon Disulfide	3.964	76	370716	42.87	ug/l	100
18) Methyl Acetate	4.227	43	161588	40.60	ug/l	97
19) Methyl tert-butyl Ether	4.929	73	431534	45.81	ug/l	99
20) Methylene Chloride	4.447	84	149046	43.63	ug/l	95
21) trans-1,2-Dichloroethene	4.929	96	138296	44.57	ug/l	99
22) Diisopropyl ether	5.841	45	476963	46.58	ug/l	97
23) Vinyl Acetate	5.782	43	2098788	234.91	ug/l	99
24) 1,1-Dichloroethane	5.739	63	267414	45.98	ug/l	99
25) 2-Butanone	6.729	43	535146	224.17	ug/l	98
26) 2,2-Dichloropropane	6.721	77	233695	47.12	ug/l	100
27) cis-1,2-Dichloroethene	6.723	96	160744	45.19	ug/l	99
28) Bromochloromethane	7.096	49	136062	45.18	ug/l	97
29) Tetrahydrofuran	7.112	42	338029	211.03	ug/l	100
30) Chloroform	7.279	83	269816	46.03	ug/l	99
31) Cyclohexane	7.568	56	233988	44.81	ug/l	99
32) 1,1,1-Trichloroethane	7.480	97	232600	45.85	ug/l	100
36) 1,1-Dichloropropene	7.708	75	198593	46.80	ug/l	99
37) Ethyl Acetate	6.825	43	217741	41.45	ug/l	99
38) Carbon Tetrachloride	7.686	117	199785	46.45	ug/l	97
39) Methylcyclohexane	9.009	83	236243	48.65	ug/l	99
40) Benzene	7.957	78	625048	47.03	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.091	41	122897m	48.39	ug/l	
42) 1,2-Dichloroethane	8.040	62	216256	46.57	ug/l	100
43) Isopropyl Acetate	8.081	43	360217	44.29	ug/l	99
44) Trichloroethene	8.762	130	154631	45.18	ug/l	98
45) 1,2-Dichloropropane	9.043	63	166581	47.08	ug/l	99
46) Dibromomethane	9.137	93	106776	46.25	ug/l	99
47) Bromodichloromethane	9.333	83	218806	46.20	ug/l	100
48) Methyl methacrylate	9.129	41	158634	43.93	ug/l	95
49) 1,4-Dioxane	9.129	88	45139	921.39	ug/l	97
51) 4-Methyl-2-Pentanone	9.915	43	1101225	227.93	ug/l	99
52) Toluene	10.089	92	383989	47.67	ug/l	99
53) t-1,3-Dichloropropene	10.317	75	237822	48.18	ug/l	99
54) cis-1,3-Dichloropropene	9.770	75	254876	47.06	ug/l	96
55) 1,1,2-Trichloroethane	10.497	97	153948	46.50	ug/l	99
56) Ethyl methacrylate	10.368	69	215038	40.83	ug/l	98
57) 1,3-Dichloropropane	10.645	76	255060	46.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.628	63	212517	306.59	ug/l	100
59) 2-Hexanone	10.690	43	767532	200.62	ug/l	99
60) Dibromochloromethane	10.840	129	168249	45.91	ug/l	100
61) 1,2-Dibromoethane	10.942	107	157792	46.09	ug/l	99
64) Tetrachloroethene	10.569	164	161164	46.47	ug/l	99
65) Chlorobenzene	11.371	112	398344	46.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.446	131	152607	46.78	ug/l	99
67) Ethyl Benzene	11.452	91	728757	49.19	ug/l	99
68) m/p-Xylenes	11.562	106	552350	100.00	ug/l	99
69) o-Xylene	11.889	106	262751	48.92	ug/l	100
70) Styrene	11.908	104	427086	43.62	ug/l	99
71) Bromoform	12.071	173	123688	47.01	ug/l #	100
73) Isopropylbenzene	12.192	105	704144	47.82	ug/l	99
74) N-amyl acetate	12.018	43	165376	37.49	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	225781	41.16	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	211639m	46.25	ug/l	
77) Bromobenzene	12.466	156	172688	44.25	ug/l	98
78) n-propylbenzene	12.533	91	802909	48.65	ug/l	99
79) 2-Chlorotoluene	12.616	91	465686	46.45	ug/l	100
80) 1,3,5-Trimethylbenzene	12.675	105	583502	47.81	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.246	75	70505	44.52	ug/l	94
82) 4-Chlorotoluene	12.715	91	473233	47.80	ug/l	98
83) tert-Butylbenzene	12.935	119	491077	44.49	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	561992	47.57	ug/l	99
85) sec-Butylbenzene	13.115	105	661288	47.95	ug/l	99
86) p-Isopropyltoluene	13.233	119	580319	49.03	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	303266	45.29	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	307138	44.93	ug/l	100
89) n-Butylbenzene	13.557	91	476607	44.80	ug/l	98
90) Hexachloroethane	13.815	117	108102	43.72	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	295607	44.65	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.230	75	40117	38.95	ug/l	93
93) 1,2,4-Trichlorobenzene	14.981	180	173837	42.56	ug/l	99
94) Hexachlorobutadiene	15.107	225	98693	42.84	ug/l	100
95) Naphthalene	15.263	128	444484	37.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.499	180	169084	42.41	ug/l	98

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

