

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041021\
 Data File : VN066569.D
 Acq On : 9 Apr 2021 21:42
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041021

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 10:58:19 AM

Quant Time: Apr 12 15:37:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041021W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:08:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	146687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	242431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	238193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	117669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	129782	47.82	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.64%		
35) Dibromofluoromethane	7.504	113	85834	47.52	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.04%		
50) Toluene-d8	10.028	98	329115	48.83	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.66%		
62) 4-Bromofluorobenzene	12.345	95	121754	47.24	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.48%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	105115	48.25	ug/l	98
3) Chloromethane	2.014	50	133107	48.96	ug/l	98
4) Vinyl Chloride	2.143	62	131018	48.26	ug/l	96
5) Bromomethane	2.502	94	82956	46.68	ug/l	99
6) Chloroethane	2.644	64	86641	49.23	ug/l	96
7) Trichlorofluoromethane	2.955	101	188817	49.12	ug/l	100
8) Diethyl Ether	3.339	74	69518	48.08	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.672	101	96005	48.23	ug/l	98
10) Methyl Iodide	3.862	142	128556	50.92	ug/l	98
11) Tert butyl alcohol	4.715	59	94287	238.57	ug/l #	82
12) 1,1-Dichloroethene	3.653	96	95032	50.01	ug/l	94
13) Acrolein	3.527	56	118238	245.49	ug/l	97
14) Allyl chloride	4.221	41	267183	51.10	ug/l	98
15) Acrylonitrile	4.878	53	271732	236.15	ug/l	99
16) Acetone	3.736	43	375054	257.50	ug/l	99
17) Carbon Disulfide	3.959	76	298915	48.72	ug/l	97
18) Methyl Acetate	4.232	43	214768	51.09	ug/l	99
19) Methyl tert-butyl Ether	4.940	73	290445	48.24	ug/l	99
20) Methylene Chloride	4.444	84	111024	48.93	ug/l	94
21) trans-1,2-Dichloroethene	4.929	96	84254	48.33	ug/l	99
22) Diisopropyl ether	5.855	45	381777	50.25	ug/l	96
23) Vinyl Acetate	5.796	43	1683152	246.83	ug/l	100
24) 1,1-Dichloroethane	5.739	63	185218	49.20	ug/l	99
25) 2-Butanone	6.742	43	422025	245.74	ug/l	98
26) 2,2-Dichloropropane	6.718	77	145117	48.03	ug/l	99
27) cis-1,2-Dichloroethene	6.729	96	98294	49.02	ug/l	99
28) Bromochloromethane	7.099	49	98914	46.61	ug/l	98
29) Tetrahydrofuran	7.123	42	291305	251.79	ug/l	99
30) Chloroform	7.284	83	189321	49.57	ug/l	97
31) Cyclohexane	7.566	56	161413	47.62	ug/l	96
32) 1,1,1-Trichloroethane	7.480	97	162739	49.67	ug/l	99
36) 1,1-Dichloropropene	7.705	75	132730	49.29	ug/l	98
37) Ethyl Acetate	6.842	43	181715	50.60	ug/l #	84
38) Carbon Tetrachloride	7.689	117	138860	49.12	ug/l	99
39) Methylcyclohexane	9.009	83	143710	50.68	ug/l	92
40) Benzene	7.960	78	411385	50.03	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	84581	46.87	ug/l	97
42) 1,2-Dichloroethane	8.043	62	166115	48.93	ug/l	100
43) Isopropyl Acetate	8.091	43	301742	48.69	ug/l	99
44) Trichloroethene	8.762	130	92276	49.88	ug/l	98
45) 1,2-Dichloropropane	9.046	63	116067	49.09	ug/l	98
46) Dibromomethane	9.137	93	73037	48.79	ug/l	97
47) Bromodichloromethane	9.336	83	155286	48.69	ug/l	98
48) Methyl methacrylate	9.135	41	143822	49.64	ug/l	97
49) 1,4-Dioxane	9.137	88	31871	908.26	ug/l	94
51) 4-Methyl-2-Pentanone	9.923	43	962697	247.77	ug/l	100
52) Toluene	10.092	92	248123	50.06	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	163043	49.35	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	170657	49.40	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	101233	48.91	ug/l	98
56) Ethyl methacrylate	10.371	69	153054	45.91	ug/l	99
57) 1,3-Dichloropropane	10.645	76	173916	48.90	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.631	63	75133	245.63	ug/l	100
59) 2-Hexanone	10.693	43	678685	234.70	ug/l	98
60) Dibromochloromethane	10.840	129	113449	49.65	ug/l	100
61) 1,2-Dibromoethane	10.948	107	102603	49.13	ug/l	99
64) Tetrachloroethene	10.570	164	80722	51.17	ug/l	98
65) Chlorobenzene	11.374	112	258007	50.44	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	99315	49.52	ug/l	98
67) Ethyl Benzene	11.455	91	482413	51.43	ug/l	99
68) m/p-Xylenes	11.562	106	360924	105.49	ug/l	99
69) o-Xylene	11.889	106	170588	52.70	ug/l	96
70) Styrene	11.905	104	293765	48.50	ug/l	99
71) Bromoform	12.069	173	80614	51.04	ug/l #	100
73) Isopropylbenzene	12.192	105	463843	51.00	ug/l	99
74) N-amyl acetate	12.018	43	181076	43.37	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	164559	46.51	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	170081m	55.54	ug/l	
77) Bromobenzene	12.468	156	109651	49.67	ug/l	97
78) n-propylbenzene	12.533	91	559112	51.86	ug/l	100
79) 2-Chlorotoluene	12.619	91	334883	50.74	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	401271	51.94	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	46608	46.68	ug/l	98
82) 4-Chlorotoluene	12.718	91	338487	51.49	ug/l	99
83) tert-Butylbenzene	12.938	119	324549	50.51	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	389320	52.48	ug/l	99
85) sec-Butylbenzene	13.115	105	451580	52.34	ug/l	98
86) p-Isopropyltoluene	13.233	119	391054	48.60	ug/l	100
87) 1,3-Dichlorobenzene	13.227	146	196964	51.80	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	194831	51.55	ug/l	97
89) n-Butylbenzene	13.560	91	339693	46.52	ug/l	99
90) Hexachloroethane	13.815	117	79818	50.54	ug/l	95
91) 1,2-Dichlorobenzene	13.595	146	195643	51.84	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.230	75	30333	45.26	ug/l	94
93) 1,2,4-Trichlorobenzene	14.981	180	103884	52.28	ug/l	99
94) Hexachlorobutadiene	15.107	225	53418	46.92	ug/l	97
95) Naphthalene	15.266	128	289525	47.13	ug/l	100
96) 1,2,3-Trichlorobenzene	15.502	180	97981	49.67	ug/l	99

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

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