

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065903.D
 Acq On : 17 Feb 2021 17:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021721

Manual Integrations
 APPROVED

SAM
 2/18/2021 10:19:17 AM

Quant Time: Feb 18 01:45:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	165325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	279969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	262121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	119936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	105841	45.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.56%		
35) Dibromofluoromethane	7.547	113	82244	47.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.94%		
50) Toluene-d8	10.055	98	338544	47.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.20%		
62) 4-Bromofluorobenzene	12.373	95	127265	47.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.32%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.846	85	101719	47.00	ug/l	99
3) Chloromethane	2.049	50	129936	47.91	ug/l	99
4) Vinyl Chloride	2.177	62	127974	47.90	ug/l	99
5) Bromomethane	2.534	94	83838	51.22	ug/l	99
6) Chloroethane	2.682	64	71490	47.43	ug/l	97
7) Trichlorofluoromethane	2.997	101	155424	46.72	ug/l	99
8) Diethyl Ether	3.383	74	58881	48.23	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.717	101	84310	47.91	ug/l	98
10) Methyl Iodide	3.910	142	125642	45.72	ug/l	97
11) Tert butyl alcohol	4.775	59	78745	244.96	ug/l	99
12) 1,1-Dichloroethene	3.698	96	84083	45.28	ug/l	94
13) Acrolein	3.576	56	65646	223.14	ug/l	97
14) Allyl chloride	4.277	41	150357	47.43	ug/l	93
15) Acrylonitrile	4.942	53	220945	247.86	ug/l	99
16) Acetone	3.788	43	191358	263.57	ug/l	96
17) Carbon Disulfide	4.007	76	250360	47.34	ug/l	98
18) Methyl Acetate	4.290	43	90775	47.52	ug/l	99
19) Methyl tert-butyl Ether	5.003	73	286640	47.98	ug/l	96
20) Methylene Chloride	4.502	84	99244	46.29	ug/l	99
21) trans-1,2-Dichloroethene	4.987	96	90587	46.42	ug/l	90
22) Diisopropyl ether	5.910	45	307007	48.42	ug/l	98
23) Vinyl Acetate	5.849	43	1253912	252.12	ug/l	99
24) 1,1-Dichloroethane	5.798	63	172138	46.99	ug/l	98
25) 2-Butanone	6.794	43	287217	250.97	ug/l	96
26) 2,2-Dichloropropane	6.775	77	140379	48.85	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	105560	47.49	ug/l	93
28) Bromochloromethane	7.151	49	76077	45.05	ug/l	90
29) Tetrahydrofuran	7.177	42	188760	239.58	ug/l	99
30) Chloroform	7.328	83	170852	47.21	ug/l	99
31) Cyclohexane	7.611	56	158509	45.98	ug/l	96
32) 1,1,1-Trichloroethane	7.527	97	141312	46.55	ug/l	98
36) 1,1-Dichloropropene	7.749	75	132256	47.91	ug/l	99
37) Ethyl Acetate	6.891	43	120399	48.30	ug/l	99
38) Carbon Tetrachloride	7.733	117	121164	47.23	ug/l	99
39) Methylcyclohexane	9.042	83	152596	49.19	ug/l	96
40) Benzene	8.000	78	403993	47.70	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	62250	51.58	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	135558	48.70	ug/l	99
43) Isopropyl Acetate	8.129	43	201964	50.83	ug/l #	92
44) Trichloroethene	8.801	130	103372	49.35	ug/l	99
45) 1,2-Dichloropropane	9.081	63	107961	49.77	ug/l	99
46) Dibromomethane	9.171	93	66599	50.40	ug/l	93
47) Bromodichloromethane	9.367	83	136296	50.67	ug/l	99
48) Methyl methacrylate	9.164	41	99009	49.18	ug/l	96
49) 1,4-Dioxane	9.167	88	35252	1027.79	ug/l	93
51) 4-Methyl-2-Pentanone	9.952	43	602623	249.28	ug/l	100
52) Toluene	10.122	92	254459	48.92	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	157793	47.52	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	174063	52.18	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	97397	50.03	ug/l	96
56) Ethyl methacrylate	10.399	69	151823	51.87	ug/l	97
57) 1,3-Dichloropropane	10.675	76	170603	49.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	344371	246.43	ug/l	97
59) 2-Hexanone	10.720	43	440631	255.88	ug/l	99
60) Dibromochloromethane	10.871	129	102910	51.72	ug/l	98
61) 1,2-Dibromoethane	10.974	107	101094	51.12	ug/l	99
64) Tetrachloroethene	10.598	164	96816	47.84	ug/l	95
65) Chlorobenzene	11.402	112	268705	49.02	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	95953	50.96	ug/l	98
67) Ethyl Benzene	11.479	91	491757	49.57	ug/l	98
68) m/p-Xylenes	11.592	106	365960	98.85	ug/l	94
69) o-Xylene	11.916	106	176588	49.47	ug/l	96
70) Styrene	11.932	104	301564	51.32	ug/l	98
71) Bromoform	12.096	173	66132	46.27	ug/l #	99
73) Isopropylbenzene	12.219	105	467774	47.79	ug/l	99
74) N-amyl acetate	12.039	43	179241	52.79	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	135817	47.03	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	131233m	45.55	ug/l	
77) Bromobenzene	12.495	156	108978	48.66	ug/l	84
78) n-propylbenzene	12.559	91	543146	48.79	ug/l	98
79) 2-Chlorotoluene	12.643	91	327243	46.90	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	404584	48.65	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	47621	52.67	ug/l	96
82) 4-Chlorotoluene	12.743	91	338514	48.05	ug/l	96
83) tert-Butylbenzene	12.965	119	332185	48.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	410475	49.17	ug/l	100
85) sec-Butylbenzene	13.141	105	434126	48.66	ug/l	99
86) p-Isopropyltoluene	13.257	119	397001	49.02	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	196284	49.51	ug/l	96
88) 1,4-Dichlorobenzene	13.331	146	196936	48.63	ug/l	97
89) n-Butylbenzene	13.585	91	343731	50.34	ug/l	99
90) Hexachloroethane	13.842	117	65931	48.08	ug/l	96
91) 1,2-Dichlorobenzene	13.624	146	194236	48.86	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	27360	48.10	ug/l	88
93) 1,2,4-Trichlorobenzene	14.878	180	104470	48.77	ug/l	99
94) Hexachlorobutadiene	14.977	225	45864	49.71	ug/l	99
95) Naphthalene	15.100	128	326866	47.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	103231	48.27	ug/l	99

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

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