

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066780.D
 Acq On : 27 Apr 2021 14:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042721

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:47 PM

Quant Time: Apr 28 08:09:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	334422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	539041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.346	117	496099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	230322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	206091	47.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.92%		
35) Dibromofluoromethane	7.510	113	165165	49.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.28%		
50) Toluene-d8	10.026	98	649122	49.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.40%		
62) 4-Bromofluorobenzene	12.343	95	225780	51.09	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.18%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.835	85	189193	52.22	ug/l	100
3) Chloromethane	2.037	50	231066	48.57	ug/l	98
4) Vinyl Chloride	2.163	62	239238	51.49	ug/l	100
5) Bromomethane	2.514	94	154478	50.95	ug/l	96
6) Chloroethane	2.659	64	147844	51.11	ug/l	98
7) Trichlorofluoromethane	2.973	101	288245	51.59	ug/l	99
8) Diethyl Ether	3.356	74	117335	51.76	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.694	101	168188	50.88	ug/l	99
10) Methyl Iodide	3.887	142	258332	51.18	ug/l	99
11) Tert butyl alcohol	4.697	59	147067	221.96	ug/l	100
12) 1,1-Dichloroethene	3.673	96	169792	50.72	ug/l	94
13) Acrolein	3.544	56	123568	223.28	ug/l	99
14) Allyl chloride	4.244	41	319141	50.76	ug/l	97
15) Acrylonitrile	4.887	53	436923	248.69	ug/l	99
16) Acetone	3.750	43	350112	215.98	ug/l	95
17) Carbon Disulfide	3.984	76	527918	51.41	ug/l	98
18) Methyl Acetate	4.246	43	196579	45.07	ug/l	98
19) Methyl tert-butyl Ether	4.949	73	583146	50.88	ug/l	97
20) Methylene Chloride	4.466	84	205181	49.95	ug/l	96
21) trans-1,2-Dichloroethene	4.946	96	188093	52.25	ug/l	92
22) Diisopropyl ether	5.861	45	662570	52.83	ug/l	98
23) Vinyl Acetate	5.799	43	2719674	260.58	ug/l	97
24) 1,1-Dichloroethane	5.754	63	358561	51.61	ug/l	98
25) 2-Butanone	6.741	43	542849	238.19	ug/l	95
26) 2,2-Dichloropropane	6.733	77	291717	49.46	ug/l	98
27) cis-1,2-Dichloroethene	6.735	96	217005	52.11	ug/l	95
28) Bromochloromethane	7.108	49	160863	50.46	ug/l	90
29) Tetrahydrofuran	7.122	42	373583	239.92	ug/l	96
30) Chloroform	7.288	83	345392	51.21	ug/l	99
31) Cyclohexane	7.575	56	328039	49.37	ug/l	96
32) 1,1,1-Trichloroethane	7.489	97	293311	50.88	ug/l	98
36) 1,1-Dichloropropene	7.714	75	266086	53.13	ug/l	99
37) Ethyl Acetate	6.837	43	249319	46.86	ug/l	98
38) Carbon Tetrachloride	7.695	117	250583	52.17	ug/l	98
39) Methylcyclohexane	9.012	83	329628	55.62	ug/l	96
40) Benzene	7.964	78	821638	52.85	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.079	41	105764	43.71	ug/l #	100
42) 1,2-Dichloroethane	8.047	62	272070	51.80	ug/l	99
43) Isopropyl Acetate	8.090	43	425916	50.39	ug/l	97
44) Trichloroethene	8.766	130	200591	53.04	ug/l	99
45) 1,2-Dichloropropane	9.047	63	214607	51.71	ug/l	99
46) Dibromomethane	9.141	93	133073	52.49	ug/l	98
47) Bromodichloromethane	9.334	83	281856	53.06	ug/l	100
48) Methyl methacrylate	9.133	41	197491	53.57	ug/l	93
49) 1,4-Dioxane	9.133	88	56671	1027.24	ug/l	95
51) 4-Methyl-2-Pentanone	9.919	43	1183024	257.51	ug/l	98
52) Toluene	10.090	92	502830	53.77	ug/l	100
53) t-1,3-Dichloropropene	10.321	75	311670	54.83	ug/l	99
54) cis-1,3-Dichloropropene	9.774	75	341241	53.58	ug/l	94
55) 1,1,2-Trichloroethane	10.498	97	191442	53.29	ug/l	98
56) Ethyl methacrylate	10.367	69	276877	46.82	ug/l	93
57) 1,3-Dichloropropane	10.646	76	328814	53.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.629	63	272283	230.03	ug/l	96
59) 2-Hexanone	10.691	43	770694	216.06	ug/l	97
60) Dibromochloromethane	10.841	129	211615	54.08	ug/l	99
61) 1,2-Dibromoethane	10.943	107	194256	53.90	ug/l	99
64) Tetrachloroethene	10.571	164	168829	51.47	ug/l	99
65) Chlorobenzene	11.372	112	525195	52.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.448	131	193481	51.98	ug/l	100
67) Ethyl Benzene	11.450	91	956644	54.67	ug/l	98
68) m/p-Xylenes	11.563	106	723191	112.65	ug/l	100
69) o-Xylene	11.890	106	344644	53.76	ug/l	98
70) Styrene	11.906	104	560306	48.34	ug/l	98
71) Bromoform	12.070	173	145085	53.84	ug/l #	99
73) Isopropylbenzene	12.190	105	917822	54.36	ug/l	100
74) N-amyl acetate	12.019	43	207504	52.04	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.448	83	272380	49.03	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	239224m	49.28	ug/l	
77) Bromobenzene	12.467	156	221723	53.24	ug/l	95
78) n-propylbenzene	12.534	91	1053868	56.60	ug/l	99
79) 2-Chlorotoluene	12.617	91	618774	52.24	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	766796	53.79	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.244	75	78555	45.91	ug/l	98
82) 4-Chlorotoluene	12.716	91	628803	55.02	ug/l	99
83) tert-Butylbenzene	12.936	119	643239	52.68	ug/l	99
84) 1,2,4-Trimethylbenzene	12.982	105	738762	55.03	ug/l	99
85) sec-Butylbenzene	13.113	105	865038	54.62	ug/l	100
86) p-Isopropyltoluene	13.231	119	750736	55.23	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	375783	53.07	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	388189	51.57	ug/l	98
89) n-Butylbenzene	13.558	91	634813	54.79	ug/l	99
90) Hexachloroethane	13.813	117	144783	50.89	ug/l	95
91) 1,2-Dichlorobenzene	13.596	146	368710	51.36	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.215	75	43050	43.22	ug/l	95
93) 1,2,4-Trichlorobenzene	14.851	180	221664	55.76	ug/l	99
94) Hexachlorobutadiene	14.948	225	114437	51.90	ug/l	98
95) Naphthalene	15.071	128	542361	53.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	202068	52.57	ug/l	99

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

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