

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066608.D
 Acq On : 15 Apr 2021 12:04
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:10:38 PM

Quant Time: Apr 15 12:30:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 12:24:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	237753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	389139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	376009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	188025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	170586	49.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.02%		
35) Dibromofluoromethane	7.511	113	132100	49.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.98%		
50) Toluene-d8	10.029	98	520483	50.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.70%		
62) 4-Bromofluorobenzene	12.344	95	197828	53.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.22%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.833	85	136583	44.66	ug/l	98
3) Chloromethane	2.031	50	182886	43.90	ug/l	99
4) Vinyl Chloride	2.160	62	167402	43.72	ug/l	99
5) Bromomethane	2.487	94	106390	48.06	ug/l	95
6) Chloroethane	2.643	64	98236	39.21	ug/l	100
7) Trichlorofluoromethane	2.962	101	189830	38.91	ug/l	100
8) Diethyl Ether	3.354	74	80216	45.83	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.686	101	113338	43.89	ug/l	98
10) Methyl Iodide	3.879	142	167919	46.94	ug/l	100
11) Tert butyl alcohol	4.716	59	137648	266.21	ug/l	100
12) 1,1-Dichloroethene	3.667	96	114726	45.69	ug/l	89
13) Acrolein	3.544	56	77778	254.55	ug/l	98
14) Allyl chloride	4.244	41	244639	49.36	ug/l	95
15) Acrylonitrile	4.893	53	384797	254.23	ug/l	100
16) Acetone	3.753	43	320062	237.68	ug/l	96
17) Carbon Disulfide	3.978	76	362067	44.71	ug/l	98
18) Methyl Acetate	4.249	43	179172	48.01	ug/l	94
19) Methyl tert-butyl Ether	4.955	73	422754	47.23	ug/l	96
20) Methylene Chloride	4.467	84	146303	42.43	ug/l	93
21) trans-1,2-Dichloroethene	4.949	96	128421	45.24	ug/l	87
22) Diisopropyl ether	5.864	45	510472	46.49	ug/l	95
23) Vinyl Acetate	5.805	43	2177019	251.08	ug/l	96
24) 1,1-Dichloroethane	5.757	63	259277	43.39	ug/l	98
25) 2-Butanone	6.746	43	508449	256.46	ug/l	92
26) 2,2-Dichloropropane	6.733	77	200696	41.66	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	152066	46.17	ug/l	92
28) Bromochloromethane	7.111	49	139945	47.96	ug/l #	81
29) Tetrahydrofuran	7.130	42	347151	262.08	ug/l	92
30) Chloroform	7.291	83	248094	43.53	ug/l	98
31) Cyclohexane	7.575	56	235468	43.84	ug/l	93
32) 1,1,1-Trichloroethane	7.492	97	204703	43.17	ug/l	97
36) 1,1-Dichloropropene	7.717	75	185727	45.14	ug/l	98
37) Ethyl Acetate	6.843	43	221546	51.49	ug/l	97
38) Carbon Tetrachloride	7.696	117	171566	43.24	ug/l	100
39) Methylcyclohexane	9.015	83	221575	47.16	ug/l	92
40) Benzene	7.969	78	590122	44.87	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	102343	50.58	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	199582	43.94	ug/l	99
43) Isopropyl Acetate	8.095	43	359722	48.87	ug/l	94
44) Trichloroethene	8.768	130	136485	45.22	ug/l	98
45) 1,2-Dichloropropane	9.053	63	163762	44.92	ug/l	100
46) Dibromomethane	9.141	93	97660	45.29	ug/l	97
47) Bromodichloromethane	9.337	83	204111	44.67	ug/l	99
48) Methyl methacrylate	9.136	41	171182	51.30	ug/l	91
49) 1,4-Dioxane	9.136	88	58639	1137.83	ug/l	93
51) 4-Methyl-2-Pentanone	9.922	43	1116601	268.45	ug/l	96
52) Toluene	10.093	92	364097	47.42	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	232515	47.94	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	247336	46.66	ug/l	93
55) 1,1,2-Trichloroethane	10.501	97	145664	46.51	ug/l	96
56) Ethyl methacrylate	10.372	69	225965	53.06	ug/l	91
57) 1,3-Dichloropropane	10.646	76	247680	46.96	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	187846	271.14	ug/l	93
59) 2-Hexanone	10.694	43	788580	306.13	ug/l	95
60) Dibromochloromethane	10.842	129	158290	48.23	ug/l	100
61) 1,2-Dibromoethane	10.946	107	149642	49.27	ug/l	100
64) Tetrachloroethene	10.571	164	121680	44.30	ug/l	99
65) Chlorobenzene	11.375	112	387272	45.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	142686	45.49	ug/l	99
67) Ethyl Benzene	11.453	91	714187	48.20	ug/l	98
68) m/p-Xylenes	11.563	106	541586	98.57	ug/l	98
69) o-Xylene	11.890	106	264017	49.39	ug/l	99
70) Styrene	11.909	104	441375	50.89	ug/l	98
71) Bromoform	12.070	173	119639	50.14	ug/l #	99
73) Isopropylbenzene	12.193	105	705553	48.78	ug/l	99
74) N-amyl acetate	12.019	43	221344	45.18	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.448	83	244437	46.63	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	213954m	47.59	ug/l	
77) Bromobenzene	12.470	156	174811	47.88	ug/l	91
78) n-propylbenzene	12.534	91	828371	50.27	ug/l	98
79) 2-Chlorotoluene	12.617	91	493425	48.71	ug/l	97
80) 1,3,5-Trimethylbenzene	12.676	105	599465	48.70	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	72300	52.44	ug/l	99
82) 4-Chlorotoluene	12.716	91	511446	50.70	ug/l	96
83) tert-Butylbenzene	12.936	119	498696	48.90	ug/l	98
84) 1,2,4-Trimethylbenzene	12.982	105	578396	50.16	ug/l	99
85) sec-Butylbenzene	13.116	105	684894	49.87	ug/l	99
86) p-Isopropyltoluene	13.234	119	593193	51.82	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	300427	47.39	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	306678	44.96	ug/l	99
89) n-Butylbenzene	13.558	91	508831	48.77	ug/l	98
90) Hexachloroethane	13.813	117	114394	44.91	ug/l	95
91) 1,2-Dichlorobenzene	13.596	146	293334	46.65	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.216	75	42128	54.37	ug/l	90
93) 1,2,4-Trichlorobenzene	14.851	180	168547	48.13	ug/l	98
94) Hexachlorobutadiene	14.948	225	86285	43.25	ug/l	99
95) Naphthalene	15.071	128	460434	54.93	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	164792	49.19	ug/l	99

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

