

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051421\
 Data File : VN067084.D
 Acq On : 14 May 2021 19:18
 Operator : JC/MD
 Sample : VSTDICC040
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Manual Integrations
 APPROVED

MMDadoda
 5/17/2021 4:26:18 PM

Quant Time: May 17 15:19:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 17 15:13:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.600	168	545862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	830463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	727939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	343130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	228856	38.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	77.62%		
35) Dibromofluoromethane	7.519	113	211688	38.82	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	77.64%		
50) Toluene-d8	10.035	98	799563	38.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	77.38%		
62) 4-Bromofluorobenzene	12.355	95	271509	39.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	78.44%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.852	85	200303	40.33	ug/l	98
3) Chloromethane	2.056	50	231603	38.43	ug/l	98
4) Vinyl Chloride	2.182	62	244400	40.53	ug/l	100
5) Bromomethane	2.536	94	167806	40.16	ug/l	96
6) Chloroethane	2.678	64	145668	40.57	ug/l	97
7) Trichlorofluoromethane	2.992	101	320386	41.08	ug/l	100
8) Diethyl Ether	3.373	74	134678	40.60	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.714	101	203417	40.79	ug/l	100
10) Methyl Iodide	3.904	142	340680	41.45	ug/l	100
11) Tert butyl alcohol	4.711	59	185025	188.23	ug/l #	84
12) 1,1-Dichloroethene	3.692	96	204188	39.78	ug/l	99
13) Acrolein	3.563	56	59546	164.23	ug/l	97
14) Allyl chloride	4.261	41	317318	40.66	ug/l	100
15) Acrylonitrile	4.907	53	451081	206.30	ug/l	99
16) Acetone	3.764	43	361307	197.13	ug/l	97
17) Carbon Disulfide	4.003	76	538905	39.19	ug/l	99
18) Methyl Acetate	4.263	43	221521	40.98	ug/l	99
19) Methyl tert-butyl Ether	4.966	73	637305	41.04	ug/l	99
20) Methylene Chloride	4.486	84	235924	35.72	ug/l	99
21) trans-1,2-Dichloroethene	4.966	96	218275	39.81	ug/l	100
22) Diisopropyl ether	5.875	45	592766	40.57	ug/l	98
23) Vinyl Acetate	5.814	43	2690870	210.97	ug/l	100
24) 1,1-Dichloroethane	5.771	63	403580	40.82	ug/l	99
25) 2-Butanone	6.752	43	600094	210.36	ug/l	98
26) 2,2-Dichloropropane	6.747	77	356159	39.17	ug/l	99
27) cis-1,2-Dichloroethene	6.750	96	261484	39.94	ug/l	99
28) Bromochloromethane	7.122	49	164387	40.07	ug/l	100
29) Tetrahydrofuran	7.136	42	371107	209.11	ug/l	99
30) Chloroform	7.299	83	413561	40.85	ug/l	98
31) Cyclohexane	7.586	56	313256	38.56	ug/l	99
32) 1,1,1-Trichloroethane	7.498	97	368795	40.46	ug/l	99
36) 1,1-Dichloropropene	7.723	75	304032	40.13	ug/l	100
37) Ethyl Acetate	6.851	43	267111	40.31	ug/l	99
38) Carbon Tetrachloride	7.707	117	323114	40.06	ug/l	99
39) Methylcyclohexane	9.021	83	352069	39.69	ug/l	99
40) Benzene	7.975	78	932730	40.53	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.093	41	100112	37.07	ug/l #	84
42) 1,2-Dichloroethane	8.058	62	299584	40.48	ug/l	100
43) Isopropyl Acetate	8.099	43	461381	41.55	ug/l #	91
44) Trichloroethene	8.777	130	267061	40.83	ug/l	99
45) 1,2-Dichloropropane	9.059	63	243332	40.45	ug/l	98
46) Dibromomethane	9.150	93	161796	40.30	ug/l	99
47) Bromodichloromethane	9.346	83	338389	40.67	ug/l	99
48) Methyl methacrylate	9.145	41	201303	42.80	ug/l	97
49) 1,4-Dioxane	9.145	88	62157	786.56	ug/l	100
51) 4-Methyl-2-Pentanone	9.928	43	1304647	213.81	ug/l	99
52) Toluene	10.102	92	609912	41.03	ug/l	98
53) t-1,3-Dichloropropene	10.330	75	368122	41.50	ug/l	99
54) cis-1,3-Dichloropropene	9.786	75	402060	40.33	ug/l	98
55) 1,1,2-Trichloroethane	10.510	97	245118	41.51	ug/l	99
56) Ethyl methacrylate	10.378	69	342382	43.46	ug/l	98
57) 1,3-Dichloropropane	10.654	76	392297	41.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.641	63	240985	209.98	ug/l	100
59) 2-Hexanone	10.700	43	798289	210.41	ug/l	99
60) Dibromochloromethane	10.850	129	287626	41.36	ug/l	100
61) 1,2-Dibromoethane	10.955	107	248069	41.68	ug/l	99
64) Tetrachloroethene	10.579	164	253115	39.62	ug/l	98
65) Chlorobenzene	11.384	112	665677	41.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.459	131	261497	40.63	ug/l	99
67) Ethyl Benzene	11.462	91	1130422	41.34	ug/l	100
68) m/p-Xylenes	11.574	106	896325	84.84	ug/l	100
69) o-Xylene	11.899	106	444899	41.83	ug/l	100
70) Styrene	11.918	104	700435	42.27	ug/l	100
71) Bromoform	12.081	173	214273	42.86	ug/l #	100
73) Isopropylbenzene	12.202	105	1151843	40.19	ug/l	99
74) N-amyl acetate	12.033	43	173972	38.45	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.457	83	341622	39.37	ug/l	97
76) 1,2,3-Trichloropropane	12.508	75	318074m	44.57	ug/l	
77) Bromobenzene	12.478	156	294913	41.37	ug/l	99
78) n-propylbenzene	12.545	91	1214688	41.90	ug/l	100
79) 2-Chlorotoluene	12.628	91	743444	42.43	ug/l	100
80) 1,3,5-Trimethylbenzene	12.687	105	947942	39.64	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.256	75	93700	45.58	ug/l	93
82) 4-Chlorotoluene	12.728	91	722362	43.14	ug/l	100
83) tert-Butylbenzene	12.948	119	842440	37.32	ug/l	100
84) 1,2,4-Trimethylbenzene	12.996	105	896943	40.69	ug/l	100
85) sec-Butylbenzene	13.125	105	1109371	41.14	ug/l	99
86) p-Isopropyltoluene	13.245	119	948641	40.54	ug/l	100
87) 1,3-Dichlorobenzene	13.237	146	484283	41.84	ug/l	100
88) 1,4-Dichlorobenzene	13.318	146	501855	41.63	ug/l	97
89) n-Butylbenzene	13.572	91	688289	40.34	ug/l	99
90) Hexachloroethane	13.827	117	172542	40.29	ug/l	99
91) 1,2-Dichlorobenzene	13.610	146	479918	41.00	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.235	75	52340	40.86	ug/l	98
93) 1,2,4-Trichlorobenzene	14.868	180	252602	41.51	ug/l	100
94) Hexachlorobutadiene	14.964	225	165385	39.46	ug/l	99
95) Naphthalene	15.088	128	531013	43.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.267	180	230905	42.64	ug/l	99

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

