

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068815.D
 Acq On : 6 Oct 2021 13:16
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:34:19 PM

Quant Time: Oct 06 13:49:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 13:47:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	337525	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	589246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	569639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	251468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	261435	53.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.78%	
35) Dibromofluoromethane	8.024	113	201343	53.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.40%	
50) Toluene-d8	10.443	98	805663	58.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 116.06%	
62) 4-Bromofluorobenzene	12.734	95	267669	56.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.00%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	144531	39.74	ug/l	100
3) Chloromethane	2.303	50	149583	37.19	ug/l	99
4) Vinyl Chloride	2.446	62	291061	39.13	ug/l	95
5) Bromomethane	2.848	94	258514	41.93	ug/l	99
6) Chloroethane	3.017	64	252242	40.15	ug/l	95
7) Trichlorofluoromethane	3.376	101	254686	39.69	ug/l	98
8) Diethyl Ether	3.827	74	86379	42.71	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	146196	39.94	ug/l	94
10) Methyl Iodide	4.425	142	171310	53.16	ug/l	93
11) Tert butyl alcohol	5.369	59	145072m	231.71	ug/l	
12) 1,1-Dichloroethene	4.192	96	126434	40.37	ug/l	81
13) Acrolein	4.041	56	76079	491.45	ug/l	97
14) Allyl chloride	4.846	41	212646	43.59	ug/l	# 89
15) Acrylonitrile	5.557	53	392713	224.28	ug/l	99
16) Acetone	4.285	43	360777	65.97	ug/l	95
17) Carbon Disulfide	4.537	76	249166	35.80	ug/l	98
18) Methyl Acetate	4.857	43	239320	42.73	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	554369	44.64	ug/l	98
20) Methylene Chloride	5.101	84	167652	41.34	ug/l	90
21) trans-1,2-Dichloroethene	5.602	96	141761	40.49	ug/l	82
22) Diisopropyl ether	6.495	45	533072	46.33	ug/l	96
23) Vinyl Acetate	6.436	43	2072832	228.57	ug/l	# 95
24) 1,1-Dichloroethane	6.388	63	302030	43.14	ug/l	98
25) 2-Butanone	7.335	43	571605	219.44	ug/l	92
26) 2,2-Dichloropropane	7.327	77	291364	44.22	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	194836	43.20	ug/l	85
28) Bromochloromethane	7.659	49	167315	51.33	ug/l	# 75
29) Tetrahydrofuran	7.686	42	359433	223.95	ug/l	90
30) Chloroform	7.820	83	360543	43.91	ug/l	98
31) Cyclohexane	8.099	56	225420	38.28	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	322836	44.21	ug/l	98
36) 1,1-Dichloropropene	8.225	75	232390	42.60	ug/l	95
37) Ethyl Acetate	7.413	43	229459	44.36	ug/l	99
38) Carbon Tetrachloride	8.206	117	274395	42.45	ug/l	98
39) Methylcyclohexane	9.464	83	249960	39.87	ug/l	87
40) Benzene	8.461	78	719040	43.25	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	112994	45.79	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	283070	43.38	ug/l	98
43) Isopropyl Acetate	8.560	43	411693	43.50	ug/l	96
44) Trichloroethene	9.218	130	185155	41.94	ug/l	83
45) 1,2-Dichloropropane	9.491	63	189846	44.19	ug/l	100
46) Dibromomethane	9.580	93	147498	44.79	ug/l	94
47) Bromodichloromethane	9.765	83	298913	45.09	ug/l	99
48) Methyl methacrylate	9.561	41	175966	44.27	ug/l #	82
49) 1,4-Dioxane	9.569	88	73711	1110.47	ug/l	87
51) 4-Methyl-2-Pentanone	10.331	43	1312731	228.80	ug/l	96
52) Toluene	10.508	92	488737	44.28	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	308440	46.28	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	309837	44.15	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	209556	44.40	ug/l	96
56) Ethyl methacrylate	10.762	69	300332	48.30	ug/l	92
57) 1,3-Dichloropropane	11.047	76	335622	45.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	358306	286.86	ug/l	92
59) 2-Hexanone	11.087	43	940016	237.36	ug/l	96
60) Dibromochloromethane	11.240	129	236525	47.68	ug/l	100
61) 1,2-Dibromoethane	11.347	107	211659	45.89	ug/l	99
64) Tetrachloroethene	10.980	164	166415	40.02	ug/l	97
65) Chlorobenzene	11.773	112	540264	42.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	220931	44.78	ug/l	99
67) Ethyl Benzene	11.846	91	990474	44.18	ug/l	97
68) m/p-Xylenes	11.956	106	748522	89.85	ug/l	88
69) o-Xylene	12.283	106	373503	45.24	ug/l	89
70) Styrene	12.296	104	627877	47.87	ug/l	92
71) Bromoform	12.460	173	161476	46.34	ug/l #	100
73) Isopropylbenzene	12.581	105	1006821	45.09	ug/l	98
74) N-amyl acetate	12.390	43	338780	47.44	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	305258	44.62	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	263678m	47.35	ug/l	
77) Bromobenzene	12.862	156	229104	45.14	ug/l	73
78) n-propylbenzene	12.921	91	1143029	45.38	ug/l	96
79) 2-Chlorotoluene	13.010	91	680561	46.43	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	834911	47.01	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	86106	45.39	ug/l	98
82) 4-Chlorotoluene	13.106	91	669627	45.63	ug/l	93
83) tert-Butylbenzene	13.326	119	738304	46.96	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	818512	47.11	ug/l	94
85) sec-Butylbenzene	13.503	105	1035390	45.91	ug/l	97
86) p-Isopropyltoluene	13.619	119	834891	46.75	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	419512	44.55	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	404262	43.25	ug/l	95
89) n-Butylbenzene	13.943	91	692198	44.14	ug/l	97
90) Hexachloroethane	14.211	117	160940	44.05	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	408884	44.97	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	51594	44.24	ug/l	70
93) 1,2,4-Trichlorobenzene	15.265	180	175626	43.49	ug/l	99
94) Hexachlorobutadiene	15.373	225	99240	42.77	ug/l	98
95) Naphthalene	15.507	128	468532	47.47	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	170472	43.93	ug/l	98

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

