

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080921\
 Data File : VN068034.D
 Acq On : 9 Aug 2021 11:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 7:28:09 PM

Quant Time: Aug 10 03:34:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	439567	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	782001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	803441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	396221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	332257	53.393	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.780%			
35) Dibromofluoromethane	8.021	113	260449	57.149	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.300%			
50) Toluene-d8	10.443	98	1036064	49.317	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.734	95	396131	51.311	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	206651	45.881	ug/l	98
3) Chloromethane	2.301	50	252981	45.216	ug/l	98
4) Vinyl Chloride	2.443	62	363299	41.618	ug/l	98
5) Bromomethane	2.829	94	364726	46.881	ug/l	97
6) Chloroethane	3.003	64	274348	40.533	ug/l	97
7) Trichlorofluoromethane	3.363	101	625714	39.557	ug/l	99
8) Diethyl Ether	3.819	74	156238	51.979	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.194	101	206438	45.272	ug/l	93
10) Methyl Iodide	4.414	142	289191	48.640	ug/l	91
11) Tert butyl alcohol	5.388	59	229158	274.850	ug/l	98
12) 1,1-Dichloroethene	4.170	96	192750	46.244	ug/l	82
13) Acrolein	4.036	56	170685	301.659	ug/l	99
14) Allyl chloride	4.833	41	352558	49.807	ug/l	98
15) Acrylonitrile	5.554	53	662390	283.455	ug/l	99
16) Acetone	4.288	43	558771	246.095	ug/l	91
17) Carbon Disulfide	4.519	76	527520	43.639	ug/l	99
18) Methyl Acetate	4.857	43	300578	55.071	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	871231	55.683	ug/l	99
20) Methylene Chloride	5.093	84	269001	51.316	ug/l	89
21) trans-1,2-Dichloroethene	5.592	96	238262	49.149	ug/l	87
22) Diisopropyl ether	6.498	45	855729	54.459	ug/l	97
23) Vinyl Acetate	6.434	43	3645658	245.759	ug/l	95
24) 1,1-Dichloroethane	6.385	63	448083	49.308	ug/l	99
25) 2-Butanone	7.340	43	891411	270.610	ug/l	93
26) 2,2-Dichloropropane	7.324	77	392381	49.369	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	298129	51.731	ug/l	84
28) Bromochloromethane	7.659	49	233357	53.840	ug/l	# 77
29) Tetrahydrofuran	7.686	42	590537	279.955	ug/l	91
30) Chloroform	7.818	83	507796	50.455	ug/l	97
31) Cyclohexane	8.094	56	376926	41.062	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	422929	48.649	ug/l	96
36) 1,1-Dichloropropene	8.220	75	344371	47.608	ug/l	95
37) Ethyl Acetate	7.415	43	372116	54.662	ug/l	98
38) Carbon Tetrachloride	8.206	117	356011	50.046	ug/l	96
39) Methylcyclohexane	9.462	83	373069	47.724	ug/l	91
40) Benzene	8.459	78	1115732	52.102	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	182753	56.354	ug/l	92
42) 1,2-Dichloroethane	8.531	62	419000	52.975	ug/l	96
43) Isopropyl Acetate	8.563	43	649520	57.257	ug/l	95
44) Trichloroethene	9.218	130	275615	50.884	ug/l	89
45) 1,2-Dichloropropane	9.491	63	281306	52.723	ug/l	99
46) Dibromomethane	9.580	93	218017	56.517	ug/l	92
47) Bromodichloromethane	9.765	83	413166	56.198	ug/l	95
48) Methyl methacrylate	9.561	41	283648	50.143	ug/l	91
49) 1,4-Dioxane	9.572	88	106485	1180.121	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	2056168	248.783	ug/l	94
52) Toluene	10.508	92	763787	54.891	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	468558	50.142	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	478113	49.432	ug/l	89
55) 1,1,2-Trichloroethane	10.902	97	312423	57.913	ug/l	96
56) Ethyl methacrylate	10.765	69	486870	50.181	ug/l	89
57) 1,3-Dichloropropane	11.047	76	501649	57.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	377947	204.609	ug/l	90
59) 2-Hexanone	11.087	43	1480339	251.182	ug/l	92
60) Dibromochloromethane	11.240	129	338469	50.221	ug/l	98
61) 1,2-Dibromoethane	11.350	107	325080	58.676	ug/l	98
64) Tetrachloroethene	10.980	164	262970	45.700	ug/l	93
65) Chlorobenzene	11.773	112	848722	51.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	325481	49.420	ug/l	99
67) Ethyl Benzene	11.849	91	1485836	51.060	ug/l	96
68) m/p-Xylenes	11.956	106	1180318	93.134	ug/l	85
69) o-Xylene	12.283	106	590891	55.233	ug/l	85
70) Styrene	12.296	104	1005489	47.780	ug/l	92
71) Bromoform	12.460	173	255388	49.752	ug/l #	99
73) Isopropylbenzene	12.581	105	1451573	44.903	ug/l	95
74) N-amyl acetate	12.390	43	565833	50.358	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	472650	48.385	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	391920m	49.253	ug/l	
77) Bromobenzene	12.865	156	378566	51.003	ug/l	71
78) n-propylbenzene	12.924	91	1683746	46.155	ug/l	95
79) 2-Chlorotoluene	13.010	91	1040445	46.797	ug/l	88
80) 1,3,5-Trimethylbenzene	13.063	105	1243789	47.469	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	139687	48.808	ug/l	91
82) 4-Chlorotoluene	13.109	91	1054021	47.219	ug/l	90
83) tert-Butylbenzene	13.326	119	1033918	47.456	ug/l	87
84) 1,2,4-Trimethylbenzene	13.372	105	1258812	49.586	ug/l	93
85) sec-Butylbenzene	13.503	105	1411037	46.301	ug/l	94
86) p-Isopropyltoluene	13.619	119	1197449	49.388	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	688984	50.537	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	682669	50.707	ug/l	94
89) n-Butylbenzene	13.946	91	964676	46.400	ug/l	98
90) Hexachloroethane	14.214	117	211559	51.014	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	647914	50.471	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.606	75	77156	49.471	ug/l	61
93) 1,2,4-Trichlorobenzene	15.268	180	284769	49.526	ug/l	98
94) Hexachlorobutadiene	15.373	225	124124	46.531	ug/l	98
95) Naphthalene	15.507	128	821374	49.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	272178	50.001	ug/l	97

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

