

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067961.D
 Acq On : 29 Jul 2021 11:44
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 7:29:58 PM

Quant Time: Jul 29 14:38:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 14:33:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	503059	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	862031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	884255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	431976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1111285	146.438	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 292.880%#	
35) Dibromofluoromethane	8.021	113	895090	172.064	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 344.120%#	
50) Toluene-d8	10.443	98	3802566	176.061	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 352.120%#	
62) 4-Bromofluorobenzene	12.734	95	1418164	187.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 374.760%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.067	85	805984	181.118	ug/l	99
3) Chloromethane	2.298	50	897232	131.648	ug/l	99
4) Vinyl Chloride	2.440	62	1346264	130.084	ug/l	96
5) Bromomethane	2.813	94	878667	102.764	ug/l	99
6) Chloroethane	2.977	64	910474	118.206	ug/l	98
7) Trichlorofluoromethane	3.349	101	2316795	121.111	ug/l	98
8) Diethyl Ether	3.813	74	527116	134.106	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.189	101	741801	154.921	ug/l	93
10) Methyl Iodide	4.409	142	1024568	179.352	ug/l	90
11) Tert butyl alcohol	5.398	59	735285	679.406	ug/l	99
12) 1,1-Dichloroethene	4.162	96	719228	157.175	ug/l	87
13) Acrolein	4.033	56	518000	826.941	ug/l	99
14) Allyl chloride	4.827	41	1241845	150.187	ug/l	96
15) Acrylonitrile	5.554	53	2132385	784.100	ug/l	99
16) Acetone	4.288	43	1599856	660.762	ug/l	93
17) Carbon Disulfide	4.513	76	2112304	166.642	ug/l	97
18) Methyl Acetate	4.851	43	889555	132.427	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	2888326	155.475	ug/l	99
20) Methylene Chloride	5.085	84	867853	135.332	ug/l	88
21) trans-1,2-Dichloroethene	5.586	96	888207	166.064	ug/l	86
22) Diisopropyl ether	6.498	45	2863074	153.784	ug/l #	95
23) Vinyl Acetate	6.434	43	12585880	791.618	ug/l #	94
24) 1,1-Dichloroethane	6.380	63	1541601	147.340	ug/l	98
25) 2-Butanone	7.337	43	2864433	723.831	ug/l	92
26) 2,2-Dichloropropane	7.324	77	1397704	152.903	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	1038616	156.449	ug/l	85
28) Bromochloromethane	7.657	49	787802	154.080	ug/l #	72
29) Tetrahydrofuran	7.686	42	1943148	748.286	ug/l	90
30) Chloroform	7.818	83	1706802	145.968	ug/l	98
31) Cyclohexane	8.091	56	1450108	135.774	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	1572857	155.157	ug/l	97
36) 1,1-Dichloropropene	8.220	75	1266834	157.558	ug/l	95
37) Ethyl Acetate	7.418	43	1205360	155.027	ug/l	98
38) Carbon Tetrachloride	8.206	117	1366288	172.344	ug/l	97
39) Methylcyclohexane	9.459	83	1474422	167.222	ug/l	91
40) Benzene	8.459	78	3827614	159.292	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	620299	157.531	ug/l	93
42) 1,2-Dichloroethane	8.531	62	1332023	149.588	ug/l	96
43) Isopropyl Acetate	8.563	43	2111764	155.642	ug/l	95
44) Trichloroethene	9.215	130	984094	161.149	ug/l	84
45) 1,2-Dichloropropane	9.491	63	957675	157.905	ug/l	99
46) Dibromomethane	9.577	93	715318	166.079	ug/l #	91
47) Bromodichloromethane	9.765	83	1382610	163.951	ug/l	96
48) Methyl methacrylate	9.563	41	948957	157.929	ug/l	92
49) 1,4-Dioxane	9.572	88	359165	3493.092	ug/l #	86
51) 4-Methyl-2-Pentanone	10.336	43	6806557	817.219	ug/l	93
52) Toluene	10.508	92	2667589	170.161	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	1599102	185.842	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	1654549	177.042	ug/l	89
55) 1,1,2-Trichloroethane	10.899	97	1017115	170.147	ug/l	97
56) Ethyl methacrylate	10.765	69	1671816	182.185	ug/l	88
57) 1,3-Dichloropropane	11.047	76	1641606	159.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	1902875	1027.359	ug/l	92
59) 2-Hexanone	11.090	43	4926681	849.773	ug/l	92
60) Dibromochloromethane	11.240	129	1161717	192.460	ug/l	99
61) 1,2-Dibromoethane	11.350	107	1076681	176.098	ug/l	100
64) Tetrachloroethene	10.980	164	936508	148.362	ug/l	94
65) Chlorobenzene	11.773	112	2943909	162.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	1115270	175.267	ug/l	99
67) Ethyl Benzene	11.846	91	5359434	162.294	ug/l	96
68) m/p-Xylenes	11.956	106	4162414	333.717	ug/l	85
69) o-Xylene	12.283	106	2074045	169.232	ug/l	86
70) Styrene	12.296	104	3553742	181.594	ug/l	92
71) Bromoform	12.460	173	899422	212.851	ug/l #	99
73) Isopropylbenzene	12.581	105	5289423	151.084	ug/l	95
74) N-amyl acetate	12.390	43	1914203	150.879	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	1483847	146.054	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	1174447m	132.524	ug/l	
77) Bromobenzene	12.862	156	1296871	169.077	ug/l	70
78) n-propylbenzene	12.924	91	6026998	152.011	ug/l	94
79) 2-Chlorotoluene	13.010	91	3615537	151.055	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	4362940	153.210	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	492481	178.647	ug/l	90
82) 4-Chlorotoluene	13.106	91	3647922	153.758	ug/l	90
83) tert-Butylbenzene	13.326	119	3760391	155.900	ug/l	87
84) 1,2,4-Trimethylbenzene	13.372	105	4380678	157.211	ug/l	92
85) sec-Butylbenzene	13.503	105	5202425	155.122	ug/l	95
86) p-Isopropyltoluene	13.619	119	4491465	166.170	ug/l	92
87) 1,3-Dichlorobenzene	13.619	146	2360472	164.989	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	2263425	155.042	ug/l	95
89) n-Butylbenzene	13.943	91	3609352	156.006	ug/l	97
90) Hexachloroethane	14.211	117	794271	177.113	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	2148574	156.482	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	272678	156.529	ug/l	62
93) 1,2,4-Trichlorobenzene	15.265	180	1104352	191.086	ug/l	98
94) Hexachlorobutadiene	15.373	225	442806	156.425	ug/l	98
95) Naphthalene	15.507	128	3237501	199.540	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	1038109	186.493	ug/l	98

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

