

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070821\
 Data File : VN067675.D
 Acq On : 8 Jul 2021 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:43:02 PM

Quant Time: Jul 09 03:57:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	408042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	768705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	764574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	393600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	306445	49.693	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.380%		
35) Dibromofluoromethane	8.021	113	225529	48.560	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.120%		
50) Toluene-d8	10.443	98	982900	50.561	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.120%		
62) 4-Bromofluorobenzene	12.733	95	359142	52.297	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	160158	46.178	ug/l	97
3) Chloromethane	2.298	50	234944	42.770	ug/l	100
4) Vinyl Chloride	2.440	62	385944	46.553	ug/l	99
5) Bromomethane	2.826	94	321323	57.767	ug/l	98
6) Chloroethane	3.001	64	300643	54.604	ug/l	98
7) Trichlorofluoromethane	3.363	101	724178	57.982	ug/l	99
8) Diethyl Ether	3.813	74	145814	44.182	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.197	101	186891	49.421	ug/l	97
10) Methyl Iodide	4.414	142	237544	52.730	ug/l #	90
11) Tert butyl alcohol	5.390	59	200389	226.131	ug/l	99
12) 1,1-Dichloroethene	4.173	96	177102	48.813	ug/l	89
13) Acrolein	4.039	56	97532	225.359	ug/l	100
14) Allyl chloride	4.832	41	322379	48.337	ug/l	93
15) Acrylonitrile	5.557	53	576800	262.426	ug/l	99
16) Acetone	4.291	43	461182	237.670	ug/l	97
17) Carbon Disulfide	4.519	76	481957	47.955	ug/l	99
18) Methyl Acetate	4.857	43	270009	49.541	ug/l	95
19) Methyl tert-butyl Ether	5.621	73	760671	50.594	ug/l	98
20) Methylene Chloride	5.090	84	229165	50.598	ug/l	93
21) trans-1,2-Dichloroethene	5.594	96	217677	50.745	ug/l	89
22) Diisopropyl ether	6.501	45	810386	53.546	ug/l	98
23) Vinyl Acetate	6.436	43	3510390	271.304	ug/l	95
24) 1,1-Dichloroethane	6.383	63	429068	50.855	ug/l	99
25) 2-Butanone	7.340	43	840161	260.745	ug/l	95
26) 2,2-Dichloropropane	7.327	77	358057	48.562	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	279008	51.975	ug/l	86
28) Bromochloromethane	7.657	49	202048	49.076	ug/l #	81
29) Tetrahydrofuran	7.689	42	570048	269.025	ug/l	92
30) Chloroform	7.817	83	498746	52.627	ug/l	100
31) Cyclohexane	8.094	56	407811	47.163	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	442147	53.805	ug/l	98
36) 1,1-Dichloropropene	8.222	75	368561	51.615	ug/l	97
37) Ethyl Acetate	7.415	43	357500	51.672	ug/l	99
38) Carbon Tetrachloride	8.206	117	375931	53.374	ug/l	99
39) Methylcyclohexane	9.461	83	407956	52.188	ug/l	92
40) Benzene	8.461	78	1116254	52.225	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	186053	52.323	ug/l	96
42) 1,2-Dichloroethane	8.531	62	405451	51.080	ug/l	96
43) Isopropyl Acetate	8.563	43	639474	52.544	ug/l	97
44) Trichloroethene	9.217	130	278213	51.289	ug/l	88
45) 1,2-Dichloropropane	9.491	63	281359	51.993	ug/l	98
46) Dibromomethane	9.579	93	206300	53.727	ug/l	95
47) Bromodichloromethane	9.765	83	405933	54.076	ug/l	97
48) Methyl methacrylate	9.561	41	282457	52.475	ug/l	89
49) 1,4-Dioxane	9.571	88	96890	907.802	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	2036301	272.353	ug/l	95
52) Toluene	10.507	92	774436	55.313	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	444398	49.691	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	459588	55.053	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	294378	54.864	ug/l	98
56) Ethyl methacrylate	10.765	69	477882	57.811	ug/l	91
57) 1,3-Dichloropropane	11.047	76	491466	53.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	537713	244.342	ug/l	92
59) 2-Hexanone	11.089	43	1461893	280.118	ug/l	93
60) Dibromochloromethane	11.240	129	319984	48.657	ug/l	99
61) 1,2-Dibromoethane	11.347	107	312857	57.112	ug/l	99
64) Tetrachloroethene	10.979	164	255781	47.393	ug/l	95
65) Chlorobenzene	11.773	112	829776	52.842	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	308326	55.820	ug/l	100
67) Ethyl Benzene	11.848	91	1534241	53.669	ug/l	96
68) m/p-Xylenes	11.956	106	1185702	109.664	ug/l	86
69) o-Xylene	12.283	106	582395	54.786	ug/l	87
70) Styrene	12.296	104	979374	57.594	ug/l	93
71) Bromoform	12.460	173	224265	46.041	ug/l #	100
73) Isopropylbenzene	12.581	105	1517982	47.799	ug/l	97
74) N-amyl acetate	12.390	43	568498	49.344	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	451667	49.005	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	405221m	50.413	ug/l	
77) Bromobenzene	12.862	156	349066	49.663	ug/l	74
78) n-propylbenzene	12.921	91	1733823	48.271	ug/l	95
79) 2-Chlorotoluene	13.010	91	1042812	48.055	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1280905	49.779	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	125866	50.486	ug/l	95
82) 4-Chlorotoluene	13.106	91	1055079	49.135	ug/l	91
83) tert-Butylbenzene	13.326	119	1091366	49.732	ug/l	87
84) 1,2,4-Trimethylbenzene	13.369	105	1275364	50.583	ug/l	93
85) sec-Butylbenzene	13.503	105	1503034	49.490	ug/l	96
86) p-Isopropyltoluene	13.619	119	1268674	51.766	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	671440	51.493	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	659070	49.368	ug/l	95
89) n-Butylbenzene	13.946	91	1028207	48.912	ug/l	98
90) Hexachloroethane	14.214	117	211928	52.066	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	636274	50.551	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	78383	48.965	ug/l	68
93) 1,2,4-Trichlorobenzene	15.265	180	275909	42.504	ug/l	98
94) Hexachlorobutadiene	15.373	225	126382	47.785	ug/l	98
95) Naphthalene	15.507	128	804778	42.257	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	258779	41.639	ug/l	98

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

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