

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067893.D
 Acq On : 23 Jul 2021 20:33
 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
 7/26/2021 5:22:34 PM

Quant Time: Jul 24 01:44:15 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	8.088	168	346023	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	652588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	625160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	314534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	282495	54.020	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.040%	
35) Dibromofluoromethane	8.021	113	213902	54.252	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.500%	
50) Toluene-d8	10.443	98	866491	52.504	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	12.734	95	317280	54.422	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	145338	49.416	ug/l	98
3) Chloromethane	2.301	50	193164	41.467	ug/l	98
4) Vinyl Chloride	2.443	62	325380	46.282	ug/l	98
5) Bromomethane	2.826	94	272525	57.777	ug/l	97
6) Chloroethane	3.003	64	267994	58.191	ug/l	98
7) Trichlorofluoromethane	3.365	101	623426	58.916	ug/l	99
8) Diethyl Ether	3.821	74	115904	41.414	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.199	101	175608	54.760	ug/l	96
10) Methyl Iodide	4.414	142	212049	55.508	ug/l	92
11) Tert butyl alcohol	5.390	59	179180	238.438	ug/l	99
12) 1,1-Dichloroethene	4.173	96	163859	53.257	ug/l	86
13) Acrolein	4.039	56	105995	290.000	ug/l	99
14) Allyl chloride	4.835	41	287958	50.914	ug/l	96
15) Acrylonitrile	5.557	53	518978	278.439	ug/l	100
16) Acetone	4.288	43	423163	257.164	ug/l	95
17) Carbon Disulfide	4.521	76	405157	47.539	ug/l	98
18) Methyl Acetate	4.857	43	260156	56.288	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	694041	54.436	ug/l	99
20) Methylene Chloride	5.090	84	219621	57.274	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	193170	53.103	ug/l	91
22) Diisopropyl ether	6.501	45	710934	55.394	ug/l	96
23) Vinyl Acetate	6.436	43	2985517	272.095	ug/l	96
24) 1,1-Dichloroethane	6.388	63	387969	54.226	ug/l	99
25) 2-Butanone	7.337	43	720670	263.749	ug/l	94
26) 2,2-Dichloropropane	7.327	77	293898	47.004	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	246872	54.231	ug/l	85
28) Bromochloromethane	7.657	49	175759	50.343	ug/l	# 78
29) Tetrahydrofuran	7.689	42	478029	266.033	ug/l	91
30) Chloroform	7.817	83	443854	55.230	ug/l	98
31) Cyclohexane	8.094	56	332810	45.388	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	385484	55.317	ug/l	98
36) 1,1-Dichloropropene	8.222	75	306960	50.638	ug/l	95
37) Ethyl Acetate	7.415	43	298919	50.893	ug/l	98
38) Carbon Tetrachloride	8.206	117	328084	54.869	ug/l	98
39) Methylcyclohexane	9.462	83	334056	50.338	ug/l	91
40) Benzene	8.461	78	952182	52.476	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	150433	49.834	ug/l	92
42) 1,2-Dichloroethane	8.531	62	352447	52.304	ug/l	96
43) Isopropyl Acetate	8.566	43	546327	52.878	ug/l	97
44) Trichloroethene	9.217	130	235089	51.051	ug/l	86
45) 1,2-Dichloropropane	9.491	63	245541	53.447	ug/l	99
46) Dibromomethane	9.580	93	177177	54.353	ug/l	96
47) Bromodichloromethane	9.765	83	351101	55.094	ug/l	96
48) Methyl methacrylate	9.563	41	235158	51.461	ug/l	89
49) 1,4-Dioxane	9.571	88	83244	918.338	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	1704805	268.587	ug/l	95
52) Toluene	10.507	92	643089	54.104	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	369245	48.672	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	382902	54.028	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	255275	56.041	ug/l	96
56) Ethyl methacrylate	10.762	69	390101	55.588	ug/l	91
57) 1,3-Dichloropropane	11.047	76	421138	53.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	424800	228.561	ug/l	92
59) 2-Hexanone	11.089	43	1224231	276.318	ug/l	94
60) Dibromochloromethane	11.240	129	272942	48.878	ug/l	98
61) 1,2-Dibromoethane	11.350	107	258373	55.558	ug/l	100
64) Tetrachloroethene	10.980	164	189837	43.019	ug/l	95
65) Chlorobenzene	11.773	112	682063	53.121	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	260301	57.635	ug/l	100
67) Ethyl Benzene	11.848	91	1254911	53.687	ug/l	97
68) m/p-Xylenes	11.956	106	977718	110.593	ug/l	86
69) o-Xylene	12.283	106	477287	54.911	ug/l	89
70) Styrene	12.296	104	818804	58.889	ug/l	93
71) Bromoform	12.460	173	182055	45.733	ug/l #	98
73) Isopropylbenzene	12.581	105	1253495	49.393	ug/l	97
74) N-amyl acetate	12.390	43	475560	51.653	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	392328	53.267	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	317994m	49.506	ug/l	
77) Bromobenzene	12.862	156	284725	50.691	ug/l	77
78) n-propylbenzene	12.924	91	1434332	49.972	ug/l	96
79) 2-Chlorotoluene	13.010	91	867190	50.008	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1071163	52.092	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	104471	52.438	ug/l	95
82) 4-Chlorotoluene	13.106	91	873096	50.881	ug/l	91
83) tert-Butylbenzene	13.326	119	885184	50.477	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1071675	53.189	ug/l	93
85) sec-Butylbenzene	13.503	105	1248566	51.445	ug/l	96
86) p-Isopropyltoluene	13.619	119	1036788	52.938	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	552915	53.063	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	540652	50.678	ug/l	95
89) n-Butylbenzene	13.946	91	828590	49.325	ug/l	98
90) Hexachloroethane	14.211	117	176642	54.306	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	511916	50.895	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	63104	49.330	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	209727	40.561	ug/l	96
94) Hexachlorobutadiene	15.373	225	100465	47.534	ug/l	99
95) Naphthalene	15.509	128	596625	39.420	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	198618	40.097	ug/l	99

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

