

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091621\
 Data File : VN068509.D
 Acq On : 16 Sep 2021 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:33:03 PM

Quant Time: Sep 17 02:03:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	617953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	923749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	871508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	461226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	323865	57.134	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.260%			
35) Dibromofluoromethane	8.024	113	314619	56.470	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.940%			
50) Toluene-d8	10.443	98	1136634	56.164	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.320%			
62) 4-Bromofluorobenzene	12.734	95	391183	60.406	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 120.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	192888	38.230	ug/l	99
3) Chloromethane	2.301	50	210689	41.639	ug/l	99
4) Vinyl Chloride	2.443	62	345272	45.125	ug/l	99
5) Bromomethane	2.837	94	326108	43.835	ug/l	99
6) Chloroethane	3.009	64	256574	45.546	ug/l	97
7) Trichlorofluoromethane	3.371	101	388932	40.529	ug/l	99
8) Diethyl Ether	3.829	74	140548	48.559	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.213	101	209009	39.413	ug/l	97
10) Methyl Iodide	4.425	142	364210	48.153	ug/l	100
11) Tert butyl alcohol	5.369	59	192479	244.922	ug/l #	86
12) 1,1-Dichloroethene	4.183	96	214455	44.172	ug/l	99
13) Acrolein	4.044	56	97059	230.587	ug/l	99
14) Allyl chloride	4.843	41	290532	47.111	ug/l	99
15) Acrylonitrile	5.557	53	529135m	244.803	ug/l	
16) Acetone	4.288	43	397743	212.039	ug/l	98
17) Carbon Disulfide	4.535	76	538618	41.317	ug/l	100
18) Methyl Acetate	4.857	43	247305	50.168	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	837536	51.484	ug/l	99
20) Methylene Chloride	5.098	84	268911	50.870	ug/l	96
21) trans-1,2-Dichloroethene	5.600	96	253881	45.804	ug/l	98
22) Diisopropyl ether	6.498	45	690616	51.720	ug/l	99
23) Vinyl Acetate	6.434	43	2659942	266.535	ug/l	100
24) 1,1-Dichloroethane	6.391	63	436015	48.190	ug/l	99
25) 2-Butanone	7.335	43	672880	244.282	ug/l	99
26) 2,2-Dichloropropane	7.327	77	359723	43.063	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	318121	48.866	ug/l	98
28) Bromochloromethane	7.657	49	197100	55.980	ug/l	97
29) Tetrahydrofuran	7.683	42	454535	252.770	ug/l	99
30) Chloroform	7.820	83	525376	49.082	ug/l	97
31) Cyclohexane	8.096	56	330575	38.483	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	486669	49.008	ug/l	100
36) 1,1-Dichloropropene	8.223	75	343111	44.552	ug/l	99
37) Ethyl Acetate	7.413	43	283767	48.439	ug/l	98
38) Carbon Tetrachloride	8.209	117	439488	47.635	ug/l	99
39) Methylcyclohexane	9.462	83	400304	41.084	ug/l	99
40) Benzene	8.464	78	1119815	49.122	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	139488	48.385	ug/l	95
42) 1,2-Dichloroethane	8.531	62	382758	48.460	ug/l	100
43) Isopropyl Acetate	8.560	43	517662	50.085	ug/l	100
44) Trichloroethene	9.217	130	338241	46.862	ug/l	99
45) 1,2-Dichloropropane	9.494	63	262553	48.243	ug/l	99
46) Dibromomethane	9.580	93	223321	50.976	ug/l	97
47) Bromodichloromethane	9.765	83	429596	51.679	ug/l	99
48) Methyl methacrylate	9.561	41	233402	54.078	ug/l	97
49) 1,4-Dioxane	9.569	88	100775	1017.837	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	1547607	262.301	ug/l	100
52) Toluene	10.508	92	773484	51.138	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	433824	54.473	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	454784	52.112	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	320760	53.438	ug/l	98
56) Ethyl methacrylate	10.762	69	433433	58.139	ug/l	99
57) 1,3-Dichloropropane	11.047	76	481913	52.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	273574	340.137	ug/l	99
59) 2-Hexanone	11.087	43	1103007	279.147	ug/l	98
60) Dibromochloromethane	11.240	129	408561	57.834	ug/l	100
61) 1,2-Dibromoethane	11.347	107	348068	54.693	ug/l	98
64) Tetrachloroethene	10.980	164	320187	41.452	ug/l	99
65) Chlorobenzene	11.773	112	890865	49.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	377981	53.697	ug/l	99
67) Ethyl Benzene	11.846	91	1450872	49.513	ug/l	99
68) m/p-Xylenes	11.956	106	1208052	102.385	ug/l	100
69) o-Xylene	12.283	106	609050	52.977	ug/l	100
70) Styrene	12.296	104	979802	56.231	ug/l	99
71) Bromoform	12.460	173	337578	62.555	ug/l #	99
73) Isopropylbenzene	12.581	105	1486909	45.320	ug/l	98
74) N-amyl acetate	12.390	43	393895	53.828	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	438905	47.719	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	305568m	41.970	ug/l	
77) Bromobenzene	12.862	156	451619	49.765	ug/l	99
78) n-propylbenzene	12.921	91	1551562	44.786	ug/l	99
79) 2-Chlorotoluene	13.010	91	973607	45.586	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1265046	47.464	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	116181	55.825	ug/l	98
82) 4-Chlorotoluene	13.106	91	940003	45.640	ug/l	99
83) tert-Butylbenzene	13.326	119	1157916	47.582	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	1248848	48.855	ug/l	100
85) sec-Butylbenzene	13.503	105	1479792	46.118	ug/l	100
86) p-Isopropyltoluene	13.619	119	1301283	48.046	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	766080	48.654	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	744587	47.978	ug/l	99
89) n-Butylbenzene	13.943	91	905070	45.874	ug/l	99
90) Hexachloroethane	14.211	117	236185	49.681	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	759976	50.036	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	73033	50.025	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	367256	52.947	ug/l	99
94) Hexachlorobutadiene	15.373	225	213054	47.530	ug/l	100
95) Naphthalene	15.507	128	802496	44.375	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	344532	52.026	ug/l	99

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

