

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068573.D
 Acq On : 20 Sep 2021 22:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 7:01:33 PM

Quant Time: Sep 21 07:31:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	536907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	765522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	737519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	378950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	266877	54.188	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.380%			
35) Dibromofluoromethane	8.024	113	252707	54.733	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.460%			
50) Toluene-d8	10.443	98	928754	49.114	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.220%			
62) 4-Bromofluorobenzene	12.734	95	320364	51.214	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	173993	39.691	ug/l	99
3) Chloromethane	2.303	50	183534	48.077	ug/l	98
4) Vinyl Chloride	2.443	62	285897	43.005	ug/l	98
5) Bromomethane	2.842	94	231203	40.866	ug/l	100
6) Chloroethane	3.014	64	209893	42.883	ug/l	100
7) Trichlorofluoromethane	3.373	101	389682	46.736	ug/l	99
8) Diethyl Ether	3.829	74	132285	52.603	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.216	101	213463	46.328	ug/l	97
10) Methyl Iodide	4.430	142	305657	46.512	ug/l	100
11) Tert butyl alcohol	5.369	59	167607	245.497	ug/l #	84
12) 1,1-Dichloroethene	4.189	96	200077	47.431	ug/l	99
13) Acrolein	4.044	56	62018	169.579	ug/l	100
14) Allyl chloride	4.846	41	277357	51.764	ug/l	97
15) Acrylonitrile	5.554	53	511535	272.384	ug/l	99
16) Acetone	4.285	43	370985	272.886	ug/l	99
17) Carbon Disulfide	4.535	76	455130	40.182	ug/l	100
18) Methyl Acetate	4.854	43	246534	57.828	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	742510	52.533	ug/l	99
20) Methylene Chloride	5.098	84	247337	53.935	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	224354	46.587	ug/l	97
22) Diisopropyl ether	6.498	45	657765	56.695	ug/l	98
23) Vinyl Acetate	6.436	43	2442750	281.719	ug/l	98
24) 1,1-Dichloroethane	6.391	63	396120	50.389	ug/l	99
25) 2-Butanone	7.335	43	636125	265.798	ug/l	95
26) 2,2-Dichloropropane	7.327	77	307281	42.338	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	278780	49.287	ug/l	99
28) Bromochloromethane	7.659	49	157702	51.551	ug/l	92
29) Tetrahydrofuran	7.683	42	424410	271.644	ug/l	95
30) Chloroform	7.820	83	463395	49.826	ug/l	98
31) Cyclohexane	8.099	56	334330	44.796	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	436261	50.563	ug/l	99
36) 1,1-Dichloropropene	8.222	75	312670	48.991	ug/l	99
37) Ethyl Acetate	7.413	43	267816	55.165	ug/l	98
38) Carbon Tetrachloride	8.209	117	394544	51.602	ug/l	98
39) Methylcyclohexane	9.462	83	384115	47.571	ug/l	96
40) Benzene	8.461	78	991469	52.482	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	131273	54.947	ug/l	98
42) 1,2-Dichloroethane	8.531	62	333174	50.901	ug/l	100
43) Isopropyl Acetate	8.560	43	477082	55.699	ug/l	98
44) Trichloroethene	9.217	130	288160	48.176	ug/l	93
45) 1,2-Dichloropropane	9.491	63	240756	53.381	ug/l	98
46) Dibromomethane	9.580	93	186851	51.467	ug/l	96
47) Bromodichloromethane	9.765	83	377828	54.846	ug/l	99
48) Methyl methacrylate	9.561	41	198326	55.448	ug/l	95
49) 1,4-Dioxane	9.569	88	80214	977.624	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	1445890	295.713	ug/l	98
52) Toluene	10.508	92	683910	54.562	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	370509	56.139	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	393044	54.347	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	274219	55.127	ug/l	96
56) Ethyl methacrylate	10.762	69	374796	60.665	ug/l	96
57) 1,3-Dichloropropane	11.047	76	421526	54.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	177564	284.545	ug/l	95
59) 2-Hexanone	11.087	43	982243	299.964	ug/l	97
60) Dibromochloromethane	11.240	129	335425	49.243	ug/l	100
61) 1,2-Dibromoethane	11.347	107	287402	54.495	ug/l	99
64) Tetrachloroethene	10.980	164	308298	47.164	ug/l	99
65) Chlorobenzene	11.771	112	767938	50.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	313961	52.705	ug/l	99
67) Ethyl Benzene	11.846	91	1314508	53.010	ug/l	99
68) m/p-Xylenes	11.956	106	1068022	106.962	ug/l	97
69) o-Xylene	12.283	106	531705	54.652	ug/l	98
70) Styrene	12.296	104	851104	49.609	ug/l	99
71) Bromoform	12.460	173	264461	47.210	ug/l #	100
73) Isopropylbenzene	12.581	105	1358222	50.386	ug/l	100
74) N-amyl acetate	12.388	43	346655	57.657	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.830	83	377282	49.925	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	309131m	59.530	ug/l	
77) Bromobenzene	12.862	156	362182	48.575	ug/l	92
78) n-propylbenzene	12.921	91	1465254	51.478	ug/l	98
79) 2-Chlorotoluene	13.010	91	888183	50.616	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	1140477	52.080	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	98706	57.726	ug/l	99
82) 4-Chlorotoluene	13.106	91	848189	50.123	ug/l	97
83) tert-Butylbenzene	13.326	119	1042403	52.135	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	1114329	53.057	ug/l	98
85) sec-Butylbenzene	13.503	105	1384927	52.532	ug/l	98
86) p-Isopropyltoluene	13.619	119	1164495	52.331	ug/l	98
87) 1,3-Dichlorobenzene	13.616	146	640559	49.515	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	623157	48.872	ug/l	99
89) n-Butylbenzene	13.943	91	825531	50.928	ug/l	99
90) Hexachloroethane	14.214	117	222063	56.852	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	622471	49.881	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	60163	50.156	ug/l	88
93) 1,2,4-Trichlorobenzene	15.265	180	261698	37.723	ug/l	99
94) Hexachlorobutadiene	15.373	225	170607	46.324	ug/l	99
95) Naphthalene	15.507	128	522229	35.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	241121	36.921	ug/l	99

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

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