

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090721\
 Data File : VN068420.D
 Acq On : 7 Sep 2021 14:10
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 8:15:54 PM

Quant Time: Sep 08 10:39:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 10:37:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	567618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	861367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	780432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	326537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	30642	5.388	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.780%#		
35) Dibromofluoromethane	8.027	113	27788	5.131	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.260%#		
50) Toluene-d8	10.443	98	99627	4.954	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.900%#		
62) 4-Bromofluorobenzene	12.733	95	30852	4.717	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.440%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.078	85	24068	5.106	ug/l	93
3) Chloromethane	2.309	50	24230	4.956	ug/l	97
4) Vinyl Chloride	2.448	62	37766	5.079	ug/l	98
5) Bromomethane	2.837	94	41205	5.751	ug/l	98
6) Chloroethane	3.011	64	28441	5.308	ug/l	100
7) Trichlorofluoromethane	3.373	101	47761	3.407	ug/l	96
8) Diethyl Ether	3.832	74	13703	3.431	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.218	101	26179	5.489	ug/l #	89
10) Methyl Iodide	4.427	142	30913	5.005	ug/l #	94
11) Tert butyl alcohol	5.380	59	30955m	41.013	ug/l	
12) 1,1-Dichloroethene	4.189	96	23586	5.287	ug/l	98
13) Acrolein	4.055	56	11090	23.261	ug/l	91
14) Allyl chloride	4.851	41	29571	5.287	ug/l	98
15) Acrylonitrile	5.557	53	52971	25.709	ug/l	98
16) Acetone	4.296	43	46657	24.747	ug/l	98
17) Carbon Disulfide	4.537	76	60349	5.046	ug/l	98
18) Methyl Acetate	4.865	43	28539	5.472	ug/l #	68
19) Methyl tert-butyl Ether	5.621	73	76834	5.334	ug/l	97
20) Methylene Chloride	5.114	84	30533m	5.124	ug/l	
21) trans-1,2-Dichloroethene	5.599	96	26045	5.225	ug/l	99
22) Diisopropyl ether	6.503	45	64110	5.266	ug/l	93
23) Vinyl Acetate	6.436	43	235938	25.260	ug/l	99
24) 1,1-Dichloroethane	6.396	63	43118	5.298	ug/l	99
25) 2-Butanone	7.343	43	65052	24.706	ug/l	95
26) 2,2-Dichloropropane	7.329	77	39379	5.229	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	29896	5.142	ug/l	95
28) Bromochloromethane	7.659	49	17852	5.206	ug/l	92
29) Tetrahydrofuran	7.689	42	41818	24.684	ug/l	99
30) Chloroform	7.820	83	52223	5.355	ug/l	96
31) Cyclohexane	8.096	56	46263	6.012	ug/l #	87
32) 1,1,1-Trichloroethane	8.016	97	47099	5.229	ug/l	97
36) 1,1-Dichloropropene	8.225	75	34188	4.953	ug/l	98
37) Ethyl Acetate	7.418	43	24319	4.275	ug/l	93
38) Carbon Tetrachloride	8.209	117	42091	5.088	ug/l	97
39) Methylcyclohexane	9.461	83	44454	5.163	ug/l	99
40) Benzene	8.466	78	105941	4.990	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	13266	4.946	ug/l	94
42) 1,2-Dichloroethane	8.534	62	38343	5.384	ug/l	96
43) Isopropyl Acetate	8.566	43	48683	5.262	ug/l #	89
44) Trichloroethene	9.217	130	33448	5.070	ug/l	99
45) 1,2-Dichloropropane	9.491	63	25173	5.106	ug/l	97
46) Dibromomethane	9.579	93	20398	5.086	ug/l	93
47) Bromodichloromethane	9.765	83	38707	5.041	ug/l	98
48) Methyl methacrylate	9.563	41	18626	4.612	ug/l	93
49) 1,4-Dioxane	9.574	88	8869	94.443	ug/l	92
51) 4-Methyl-2-Pentanone	10.333	43	138039	24.149	ug/l	96
52) Toluene	10.505	92	68400	4.820	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	36206	4.784	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	39150	4.841	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	28676	4.978	ug/l	96
56) Ethyl methacrylate	10.765	69	32138	4.558	ug/l	91
57) 1,3-Dichloropropane	11.047	76	42760	4.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	11639	11.891	ug/l	93
59) 2-Hexanone	11.087	43	91733	23.185	ug/l	94
60) Dibromochloromethane	11.240	129	30761	4.642	ug/l	99
61) 1,2-Dibromoethane	11.350	107	29237	4.826	ug/l	97
64) Tetrachloroethene	10.979	164	32932	5.276	ug/l	95
65) Chlorobenzene	11.773	112	78467	4.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	30322	4.932	ug/l	98
67) Ethyl Benzene	11.846	91	126458	4.920	ug/l	99
68) m/p-Xylenes	11.956	106	100011	9.646	ug/l	97
69) o-Xylene	12.283	106	47434	4.769	ug/l	96
70) Styrene	12.296	104	70445	4.511	ug/l	96
71) Bromoform	12.460	173	21070	4.276	ug/l #	97
73) Isopropylbenzene	12.581	105	122062	5.215	ug/l	100
74) N-amyl acetate	12.387	43	27184	4.720	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	35281	5.079	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	28500m	5.120	ug/l	
77) Bromobenzene	12.862	156	33213	5.026	ug/l	91
78) n-propylbenzene	12.921	91	124974	5.042	ug/l	98
79) 2-Chlorotoluene	13.010	91	79841	5.220	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	97279	5.119	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	7481	4.590	ug/l	94
82) 4-Chlorotoluene	13.109	91	76526	5.171	ug/l	94
83) tert-Butylbenzene	13.326	119	89954	5.154	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	91381	4.923	ug/l	100
85) sec-Butylbenzene	13.503	105	115696	5.055	ug/l	97
86) p-Isopropyltoluene	13.619	119	93513	4.925	ug/l	97
87) 1,3-Dichlorobenzene	13.619	146	55897	4.937	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	53454	4.747	ug/l	91
89) n-Butylbenzene	13.943	91	67067	4.701	ug/l	99
90) Hexachloroethane	14.211	117	17120	4.727	ug/l	80
91) 1,2-Dichlorobenzene	13.991	146	52460	4.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.608	75	5395	4.932	ug/l	86
93) 1,2,4-Trichlorobenzene	15.268	180	19975	3.786	ug/l	97
94) Hexachlorobutadiene	15.373	225	15420	4.933	ug/l	98
95) Naphthalene	15.504	128	35187	2.795	ug/l	98
96) 1,2,3-Trichlorobenzene	15.705	180	18309	3.555	ug/l	98

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

