

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068562.D
 Acq On : 20 Sep 2021 18:20
 Operator : JC/MD
 Sample : VN0920WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 7:01:26 PM

Quant Time: Sep 21 07:28:52 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	511425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	774879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	715974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	338119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	278948	59.461	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.920%			
35) Dibromofluoromethane	8.024	113	261794	56.016	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.040%			
50) Toluene-d8	10.443	98	964162	50.280	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.560%			
62) 4-Bromofluorobenzene	12.734	95	318418	50.363	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	61910	14.826	ug/l	98
3) Chloromethane	2.303	50	64629	16.764	ug/l	100
4) Vinyl Chloride	2.443	62	104134	16.444	ug/l	98
5) Bromomethane	2.853	94	94198	15.521	ug/l	97
6) Chloroethane	3.017	64	74009	15.874	ug/l	99
7) Trichlorofluoromethane	3.376	101	133206	16.772	ug/l	100
8) Diethyl Ether	3.827	74	41085	17.151	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.213	101	71339	16.254	ug/l	93
10) Methyl Iodide	4.428	142	87138	13.920	ug/l	98
11) Tert butyl alcohol	5.364	59	64378	90.849	ug/l	99
12) 1,1-Dichloroethene	4.186	96	65145	16.213	ug/l	98
13) Acrolein	4.047	56	34970	100.385	ug/l	97
14) Allyl chloride	4.851	41	95108	18.635	ug/l	97
15) Acrylonitrile	5.557	53	173207	96.825	ug/l	97
16) Acetone	4.288	43	126867	91.668	ug/l	98
17) Carbon Disulfide	4.535	76	150915	13.988	ug/l	98
18) Methyl Acetate	4.857	43	87509	20.414	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	252359	18.744	ug/l	100
20) Methylene Chloride	5.101	84	89620	19.637	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	76048	16.578	ug/l	91
22) Diisopropyl ether	6.498	45	224725	20.335	ug/l	95
23) Vinyl Acetate	6.436	43	822062	99.531	ug/l	98
24) 1,1-Dichloroethane	6.391	63	136504	18.229	ug/l	100
25) 2-Butanone	7.337	43	221106	96.990	ug/l	99
26) 2,2-Dichloropropane	7.329	77	116814	16.897	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	94618	17.561	ug/l	96
28) Bromochloromethane	7.659	49	52784	18.114	ug/l	90
29) Tetrahydrofuran	7.686	42	149413	100.397	ug/l	94
30) Chloroform	7.820	83	161198	18.196	ug/l	99
31) Cyclohexane	8.096	56	120296	16.921	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	144870	17.627	ug/l	97
36) 1,1-Dichloropropene	8.223	75	104861	16.232	ug/l	99
37) Ethyl Acetate	7.413	43	95779	19.490	ug/l	98
38) Carbon Tetrachloride	8.209	117	129325	16.710	ug/l	97
39) Methylcyclohexane	9.462	83	129701	15.869	ug/l	96
40) Benzene	8.461	78	340238	17.792	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	45023	18.618	ug/l	98
42) 1,2-Dichloroethane	8.531	62	113936	17.196	ug/l	100
43) Isopropyl Acetate	8.560	43	164731	19.000	ug/l	97
44) Trichloroethene	9.220	130	99709	16.468	ug/l	94
45) 1,2-Dichloropropane	9.491	63	83721	18.339	ug/l	95
46) Dibromomethane	9.580	93	65484	17.819	ug/l	99
47) Bromodichloromethane	9.762	83	125504	17.998	ug/l	100
48) Methyl methacrylate	9.561	41	72351	19.984	ug/l	94
49) 1,4-Dioxane	9.572	88	27354	329.357	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	488861	98.774	ug/l	98
52) Toluene	10.508	92	230650	18.179	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	121519	18.190	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	131120	17.911	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	92340	18.339	ug/l	96
56) Ethyl methacrylate	10.762	69	118806	18.998	ug/l	96
57) 1,3-Dichloropropane	11.047	76	143144	18.447	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	60842	122.953	ug/l	97
59) 2-Hexanone	11.087	43	325184	98.108	ug/l	97
60) Dibromochloromethane	11.240	129	108828	17.009	ug/l	100
61) 1,2-Dibromoethane	11.347	107	97201	18.208	ug/l	99
64) Tetrachloroethene	10.980	164	111850	17.626	ug/l	96
65) Chlorobenzene	11.773	112	251280	17.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	104486	18.068	ug/l	98
67) Ethyl Benzene	11.846	91	424014	17.614	ug/l	98
68) m/p-Xylenes	11.956	106	344454	35.535	ug/l	97
69) o-Xylene	12.283	106	169605	17.958	ug/l	95
70) Styrene	12.296	104	264450	17.071	ug/l	99
71) Bromoform	12.460	173	79633	16.386	ug/l #	99
73) Isopropylbenzene	12.581	105	432043	17.963	ug/l	99
74) N-amyl acetate	12.390	43	102556	19.117	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	123871	18.371	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	89320m	18.519	ug/l	
77) Bromobenzene	12.862	156	119802	18.008	ug/l	92
78) n-propylbenzene	12.921	91	457574	18.017	ug/l	97
79) 2-Chlorotoluene	13.010	91	284653	18.181	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	359809	18.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	29515	19.346	ug/l	96
82) 4-Chlorotoluene	13.106	91	266059	17.621	ug/l	98
83) tert-Butylbenzene	13.326	119	324851	18.209	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	353220	18.849	ug/l	97
85) sec-Butylbenzene	13.503	105	429213	18.247	ug/l	98
86) p-Isopropyltoluene	13.616	119	349654	17.610	ug/l	98
87) 1,3-Dichlorobenzene	13.616	146	197569	17.116	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	194445	17.091	ug/l	97
89) n-Butylbenzene	13.943	91	239597	16.566	ug/l	99
90) Hexachloroethane	14.211	117	66640	19.121	ug/l	92
91) 1,2-Dichlorobenzene	13.991	146	193963	17.420	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	18699	17.471	ug/l	90
93) 1,2,4-Trichlorobenzene	15.265	180	74613	14.067	ug/l	99
94) Hexachlorobutadiene	15.370	225	58034	17.660	ug/l	99
95) Naphthalene	15.507	128	128211	12.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	67157	13.571	ug/l	100

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

