

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068066.D
 Acq On : 11 Aug 2021 12:17
 Operator : JC/MD
 Sample : VN0811WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2021 4:51:09 PM

Quant Time: Aug 12 07:11:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	371474	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	678080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	649052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	282745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	277440	52.757	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.520%			
35) Dibromofluoromethane	8.024	113	214549	54.292	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.580%			
50) Toluene-d8	10.443	98	857802	47.264	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.520%			
62) 4-Bromofluorobenzene	12.733	95	298119	45.190	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	72325	19.001	ug/l	99
3) Chloromethane	2.301	50	89964	19.027	ug/l	97
4) Vinyl Chloride	2.443	62	141604	19.195	ug/l	97
5) Bromomethane	2.832	94	123415	18.771	ug/l	99
6) Chloroethane	3.006	64	112847	19.728	ug/l	100
7) Trichlorofluoromethane	3.365	101	265925	19.893	ug/l	100
8) Diethyl Ether	3.816	74	57942	22.811	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.199	101	79497	20.629	ug/l	96
10) Methyl Iodide	4.417	142	86460	19.225	ug/l	90
11) Tert butyl alcohol	5.395	59	76444m	108.493	ug/l	
12) 1,1-Dichloroethene	4.170	96	72596	20.610	ug/l	86
13) Acrolein	4.038	56	56060	117.238	ug/l	100
14) Allyl chloride	4.838	41	119502	19.977	ug/l #	94
15) Acrylonitrile	5.554	53	220288	111.547	ug/l	98
16) Acetone	4.288	43	178964	93.268	ug/l	92
17) Carbon Disulfide	4.518	76	186109	18.218	ug/l	96
18) Methyl Acetate	4.856	43	104212	22.533	ug/l	95
19) Methyl tert-butyl Ether	5.615	73	279816	21.162	ug/l	100
20) Methylene Chloride	5.087	84	94571	21.181	ug/l	88
21) trans-1,2-Dichloroethene	5.591	96	83999	20.503	ug/l	86
22) Diisopropyl ether	6.500	45	282930	21.306	ug/l	96
23) Vinyl Acetate	6.436	43	1155432	97.667	ug/l	96
24) 1,1-Dichloroethane	6.385	63	160471	20.896	ug/l	98
25) 2-Butanone	7.340	43	287989	103.452	ug/l	93
26) 2,2-Dichloropropane	7.324	77	131996	19.652	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	97923	20.106	ug/l	88
28) Bromochloromethane	7.659	49	75142	20.515	ug/l #	79
29) Tetrahydrofuran	7.689	42	196990	110.505	ug/l	93
30) Chloroform	7.817	83	180164	21.182	ug/l	100
31) Cyclohexane	8.094	56	145405	18.744	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	159363	21.692	ug/l	98
36) 1,1-Dichloropropene	8.220	75	125288	19.975	ug/l	96
37) Ethyl Acetate	7.415	43	122068	20.679	ug/l	96
38) Carbon Tetrachloride	8.204	117	128885	20.895	ug/l	97
39) Methylcyclohexane	9.461	83	139808	20.626	ug/l	93
40) Benzene	8.461	78	389128	20.956	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	60951	21.675	ug/l	91
42) 1,2-Dichloroethane	8.531	62	141903	20.691	ug/l	97
43) Isopropyl Acetate	8.566	43	208367	21.183	ug/l	95
44) Trichloroethene	9.217	130	97906	20.846	ug/l	87
45) 1,2-Dichloropropane	9.491	63	98425	21.274	ug/l	100
46) Dibromomethane	9.577	93	71402	21.346	ug/l	96
47) Bromodichloromethane	9.764	83	141523	22.200	ug/l	99
48) Methyl methacrylate	9.561	41	88930	19.602	ug/l	89
49) 1,4-Dioxane	9.571	88	35252	450.555	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	656940	99.604	ug/l	96
52) Toluene	10.507	92	257676	21.356	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	140409	19.183	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	151413	19.549	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	99210	21.209	ug/l	96
56) Ethyl methacrylate	10.762	69	144808	19.248	ug/l	90
57) 1,3-Dichloropropane	11.046	76	164161	21.522	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	109157	83.779	ug/l	93
59) 2-Hexanone	11.089	43	455426	97.693	ug/l	94
60) Dibromochloromethane	11.242	129	103137	19.791	ug/l	99
61) 1,2-Dibromoethane	11.349	107	102394	21.314	ug/l	99
64) Tetrachloroethene	10.979	164	92240	19.843	ug/l	99
65) Chlorobenzene	11.773	112	276200	20.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	101362	20.188	ug/l	99
67) Ethyl Benzene	11.848	91	489514	20.823	ug/l	98
68) m/p-Xylenes	11.956	106	380621	39.618	ug/l	86
69) o-Xylene	12.285	106	182823	21.154	ug/l	87
70) Styrene	12.296	104	301728	19.403	ug/l	93
71) Bromoform	12.462	173	66729	18.819	ug/l #	99
73) Isopropylbenzene	12.580	105	472859	20.498	ug/l	98
74) N-amyl acetate	12.390	43	155263	19.364	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	146099	20.958	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	112940m	19.890	ug/l	
77) Bromobenzene	12.862	156	108126	20.414	ug/l	76
78) n-propylbenzene	12.924	91	544182	20.904	ug/l	97
79) 2-Chlorotoluene	13.010	91	318476	20.073	ug/l	87
80) 1,3,5-Trimethylbenzene	13.063	105	388208	20.762	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	35432	19.683	ug/l	99
82) 4-Chlorotoluene	13.109	91	326845	20.519	ug/l	93
83) tert-Butylbenzene	13.326	119	325547	20.939	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	387452	21.387	ug/l	95
85) sec-Butylbenzene	13.503	105	454242	20.887	ug/l	97
86) p-Isopropyltoluene	13.618	119	363021	20.981	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	196999	20.249	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	190030	19.780	ug/l	96
89) n-Butylbenzene	13.946	91	292760	19.733	ug/l	98
90) Hexachloroethane	14.214	117	66618	22.511	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	184996	20.194	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	22878	20.556	ug/l	70
93) 1,2,4-Trichlorobenzene	15.265	180	69334	18.523	ug/l	100
94) Hexachlorobutadiene	15.372	225	37585	19.744	ug/l	96
95) Naphthalene	15.509	128	176348	17.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	65996	18.552	ug/l	98

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

