

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068300.D
 Acq On : 25 Aug 2021 15:12
 Operator : JC/MD
 Sample : VN0825WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 26 04:02:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	534288	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	819755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	799658	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	380631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	300552	52.685	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	105.360%		
35) Dibromofluoromethane	8.024	113	275264	53.484	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.960%		
50) Toluene-d8	10.443	98	1044021	53.238	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.480%		
62) 4-Bromofluorobenzene	12.734	95	341558	52.320	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	78079	18.443	ug/l	96
3) Chloromethane	2.303	50	89986	18.814	ug/l	96
4) Vinyl Chloride	2.443	62	147098	19.627	ug/l	98
5) Bromomethane	2.851	94	142700	22.424	ug/l	97
6) Chloroethane	3.017	64	108400	21.625	ug/l	98
7) Trichlorofluoromethane	3.371	101	298637	20.269	ug/l	98
8) Diethyl Ether	3.821	74	98662	28.869	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.202	101	91599	20.333	ug/l #	85
10) Methyl Iodide	4.414	142	122797	19.170	ug/l	89
11) Tert butyl alcohol	5.393	59	76771	107.912	ug/l	100
12) 1,1-Dichloroethene	4.173	96	85734	19.794	ug/l #	76
13) Acrolein	4.036	56	22586	40.158	ug/l	98
14) Allyl chloride	4.838	41	111394	20.120	ug/l #	94
15) Acrylonitrile	5.559	53	215922	107.727	ug/l	99
16) Acetone	4.293	43	187903	112.813	ug/l #	88
17) Carbon Disulfide	4.519	76	206360	18.430	ug/l	97
18) Methyl Acetate	4.857	43	101324	22.029	ug/l #	85
19) Methyl tert-butyl Ether	5.621	73	293607	21.026	ug/l	97
20) Methylene Chloride	5.093	84	108434	22.356	ug/l #	80
21) trans-1,2-Dichloroethene	5.594	96	96560	19.913	ug/l #	79
22) Diisopropyl ether	6.501	45	254582	21.049	ug/l #	94
23) Vinyl Acetate	6.436	43	975635	103.631	ug/l #	89
24) 1,1-Dichloroethane	6.388	63	161622	20.000	ug/l	97
25) 2-Butanone	7.343	43	282211	108.721	ug/l #	85
26) 2,2-Dichloropropane	7.324	77	151927	21.942	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	115446	19.883	ug/l	77
28) Bromochloromethane	7.657	49	74240	20.892	ug/l #	43
29) Tetrahydrofuran	7.689	42	180560	108.767	ug/l #	81
30) Chloroform	7.818	83	199186	20.692	ug/l	98
31) Cyclohexane	8.097	56	144948	19.290	ug/l #	83
32) 1,1,1-Trichloroethane	8.016	97	183695	21.398	ug/l	95
36) 1,1-Dichloropropene	8.220	75	131799	19.668	ug/l	91
37) Ethyl Acetate	7.418	43	110661	19.384	ug/l	95
38) Carbon Tetrachloride	8.204	117	162485	21.023	ug/l	99
39) Methylcyclohexane	9.462	83	164137	21.687	ug/l	86
40) Benzene	8.461	78	418889	20.480	ug/l	100

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41) Methacrylonitrile	7.641	41	54803	21.026	ug/l #	83
42) 1,2-Dichloroethane	8.531	62	142471	20.450	ug/l	92
43) Isopropyl Acetate	8.563	43	191881	20.983	ug/l #	89
44) Trichloroethene	9.218	130	120749	19.632	ug/l	79
45) 1,2-Dichloropropane	9.491	63	101045	21.003	ug/l	98
46) Dibromomethane	9.577	93	81064	20.656	ug/l #	79
47) Bromodichloromethane	9.765	83	154158	21.139	ug/l	97
48) Methyl methacrylate	9.561	41	81199	21.307	ug/l #	81
49) 1,4-Dioxane	9.572	88	39916	433.347	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	616788	109.800	ug/l	90
52) Toluene	10.508	92	292816	21.000	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	153077	21.371	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	164685	21.220	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	117629	21.110	ug/l	92
56) Ethyl methacrylate	10.762	69	149628	20.911	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	177419	20.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	106941	83.226	ug/l #	83
59) 2-Hexanone	11.087	43	428632	109.891	ug/l	88
60) Dibromochloromethane	11.240	129	135998	21.634	ug/l	99
61) 1,2-Dibromoethane	11.347	107	125322	21.687	ug/l	99
64) Tetrachloroethene	10.980	164	127843	20.675	ug/l	89
65) Chlorobenzene	11.774	112	325864	19.903	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.843	131	130150	21.073	ug/l	98
67) Ethyl Benzene	11.849	91	548801	20.321	ug/l	92
68) m/p-Xylenes	11.956	106	449161	41.575	ug/l	79
69) o-Xylene	12.283	106	215367	20.632	ug/l	80
70) Styrene	12.296	104	348274	20.844	ug/l #	90
71) Bromoform	12.460	173	106423	21.486	ug/l #	99
73) Isopropylbenzene	12.581	105	553117	20.432	ug/l	93
74) N-amyl acetate	12.390	43	133039	18.873	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	166643	20.526	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	138735m	21.929	ug/l	
77) Bromobenzene	12.862	156	150105	20.127	ug/l	56
78) n-propylbenzene	12.924	91	593277	20.430	ug/l	90
79) 2-Chlorotoluene	13.010	91	363913	20.264	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	468665	21.401	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.626	75	41193	21.332	ug/l	90
82) 4-Chlorotoluene	13.106	91	345210	19.804	ug/l	83
83) tert-Butylbenzene	13.326	119	413698	21.273	ug/l	84
84) 1,2,4-Trimethylbenzene	13.369	105	447311	20.923	ug/l	88
85) sec-Butylbenzene	13.503	105	553030	21.598	ug/l	93
86) p-Isopropyltoluene	13.619	119	452643	21.416	ug/l	91
87) 1,3-Dichlorobenzene	13.616	146	257618	20.258	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	248636	19.299	ug/l	92
89) n-Butylbenzene	13.946	91	312468	19.818	ug/l	96
90) Hexachloroethane	14.214	117	85889	21.901	ug/l	76
91) 1,2-Dichlorobenzene	13.991	146	247592	20.449	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	26289	21.378	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.265	180	101222	17.770	ug/l	97
94) Hexachlorobutadiene	15.373	225	68952	21.027	ug/l	98
95) Naphthalene	15.509	128	215393	16.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	95186	17.727	ug/l	96

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

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