

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068212.D
 Acq On : 19 Aug 2021 13:20
 Operator : JC/MD
 Sample : VN0819WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:50:16 PM

Quant Time: Aug 19 14:02:48 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	8.088	168	510042	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	783798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	751060	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	359543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	286937	52.689	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.380%	
35) Dibromofluoromethane	8.024	113	254188	51.655	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.300%	
50) Toluene-d8	10.443	98	965213	51.477	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.734	95	322803	51.716	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	77492	19.174	ug/l	99
3) Chloromethane	2.303	50	83973	18.391	ug/l	99
4) Vinyl Chloride	2.443	62	132017	18.452	ug/l	94
5) Bromomethane	2.856	94	127275	20.734	ug/l	97
6) Chloroethane	3.020	64	99145	20.526	ug/l	98
7) Trichlorofluoromethane	3.374	101	266896	18.976	ug/l	95
8) Diethyl Ether	3.819	74	79133	24.255	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.202	101	85520	19.886	ug/l #	84
10) Methyl Iodide	4.417	142	117340	19.189	ug/l	89
11) Tert butyl alcohol	5.393	59	70365	103.610	ug/l #	88
12) 1,1-Dichloroethene	4.175	96	76226	18.435	ug/l #	76
13) Acrolein	4.039	56	42014	87.753	ug/l	100
14) Allyl chloride	4.833	41	100619	19.038	ug/l #	93
15) Acrylonitrile	5.557	53	197004	102.961	ug/l	99
16) Acetone	4.291	43	157582	99.107	ug/l	90
17) Carbon Disulfide	4.521	76	193305	18.084	ug/l	98
18) Methyl Acetate	4.857	43	91181	20.568	ug/l #	85
19) Methyl tert-butyl Ether	5.618	73	267184	20.043	ug/l	97
20) Methylene Chloride	5.098	84	96570	20.708	ug/l #	81
21) trans-1,2-Dichloroethene	5.597	96	86867	18.765	ug/l #	79
22) Diisopropyl ether	6.503	45	231205	20.025	ug/l #	93
23) Vinyl Acetate	6.436	43	893946	99.468	ug/l #	90
24) 1,1-Dichloroethane	6.385	63	147417	19.110	ug/l	95
25) 2-Butanone	7.340	43	247359	99.825	ug/l #	86
26) 2,2-Dichloropropane	7.324	77	129224	19.551	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	104527	18.858	ug/l	76
28) Bromochloromethane	7.659	49	56935	16.784	ug/l #	46
29) Tetrahydrofuran	7.692	42	153640	96.951	ug/l #	76
30) Chloroform	7.820	83	177362	19.301	ug/l	99
31) Cyclohexane	8.096	56	132812	18.516	ug/l #	82
32) 1,1,1-Trichloroethane	8.013	97	159265	19.434	ug/l	93
36) 1,1-Dichloropropene	8.223	75	118949	18.565	ug/l	90
37) Ethyl Acetate	7.415	43	106412	19.495	ug/l	95
38) Carbon Tetrachloride	8.204	117	141322	19.124	ug/l	98
39) Methylcyclohexane	9.462	83	151887	20.989	ug/l #	85
40) Benzene	8.461	78	376809	19.268	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	49730	19.955	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	134219	20.149	ug/l	92
43) Isopropyl Acetate	8.563	43	174524	19.960	ug/l #	90
44) Trichloroethene	9.218	130	112985	19.212	ug/l	74
45) 1,2-Dichloropropane	9.491	63	90870	19.755	ug/l	98
46) Dibromomethane	9.580	93	74248	19.787	ug/l #	78
47) Bromodichloromethane	9.765	83	139020	19.937	ug/l #	97
48) Methyl methacrylate	9.564	41	74839	20.539	ug/l #	80
49) 1,4-Dioxane	9.574	88	36694	416.643	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	552824	102.928	ug/l	91
52) Toluene	10.508	92	266329	19.977	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	135058	19.720	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	148736	20.044	ug/l #	86
55) 1,1,2-Trichloroethane	10.902	97	107410	20.161	ug/l	93
56) Ethyl methacrylate	10.765	69	137408	20.084	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	162217	19.769	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	96763	79.759	ug/l #	84
59) 2-Hexanone	11.090	43	382176	102.476	ug/l	87
60) Dibromochloromethane	11.240	129	120010	19.967	ug/l	100
61) 1,2-Dibromoethane	11.350	107	113314	20.508	ug/l	99
64) Tetrachloroethene	10.980	164	114203	19.664	ug/l	88
65) Chlorobenzene	11.773	112	297217	19.328	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	116462	20.077	ug/l	99
67) Ethyl Benzene	11.849	91	486190	19.167	ug/l	93
68) m/p-Xylenes	11.956	106	403509	39.766	ug/l	80
69) o-Xylene	12.283	106	193897	19.777	ug/l	81
70) Styrene	12.296	104	310319	19.774	ug/l #	91
71) Bromoform	12.460	173	90481	19.450	ug/l #	99
73) Isopropylbenzene	12.581	105	493294	19.291	ug/l	95
74) N-amyl acetate	12.390	43	127391	19.132	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.827	83	149696	19.520	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	118071m	19.758	ug/l	
77) Bromobenzene	12.862	156	138327	19.635	ug/l	55
78) n-propylbenzene	12.921	91	532838	19.425	ug/l	91
79) 2-Chlorotoluene	13.010	91	327649	19.314	ug/l	83
80) 1,3,5-Trimethylbenzene	13.063	105	411465	19.891	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	35811	19.632	ug/l	90
82) 4-Chlorotoluene	13.106	91	322882	19.610	ug/l	85
83) tert-Butylbenzene	13.326	119	366547	19.954	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	406840	20.146	ug/l	91
85) sec-Butylbenzene	13.503	105	491934	20.338	ug/l	93
86) p-Isopropyltoluene	13.619	119	407775	20.425	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	235692	19.620	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	232641	19.117	ug/l	92
89) n-Butylbenzene	13.946	91	293117	19.681	ug/l	96
90) Hexachloroethane	14.211	117	72644	19.610	ug/l	77
91) 1,2-Dichlorobenzene	13.991	146	229726	20.086	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.606	75	24032	20.689	ug/l #	44
93) 1,2,4-Trichlorobenzene	15.265	180	98207	18.179	ug/l	94
94) Hexachlorobutadiene	15.373	225	61815	19.956	ug/l	99
95) Naphthalene	15.509	128	227111	18.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	97149	18.926	ug/l	96

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

