

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067645.D
 Acq On : 7 Jul 2021 19:59
 Operator : JC/MD
 Sample : VN0707WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0707WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:03:22 PM

Quant Time: Jul 08 06:09:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	390493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	742725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	722909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	319154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	305191	51.714	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.420%
35) Dibromofluoromethane	8.024	113	220009	49.029	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.060%
50) Toluene-d8	10.443	98	944225	50.270	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.733	95	322751	48.642	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	69149	20.834	ug/l	100
3) Chloromethane	2.301	50	102753	19.546	ug/l	98
4) Vinyl Chloride	2.443	62	151978	19.155	ug/l	96
5) Bromomethane	2.853	94	126185	20.494	ug/l	100
6) Chloroethane	3.017	64	113747	18.915	ug/l	97
7) Trichlorofluoromethane	3.371	101	276991	21.025	ug/l	99
8) Diethyl Ether	3.813	74	68163	21.582	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.197	101	72225m	19.957	ug/l	
10) Methyl Iodide	4.417	142	83345	19.332	ug/l	92
11) Tert butyl alcohol	5.385	59	78215	92.229	ug/l #	86
12) 1,1-Dichloroethene	4.173	96	67627	19.477	ug/l	90
13) Acrolein	4.041	56	39769	93.597	ug/l	100
14) Allyl chloride	4.835	41	121605	19.053	ug/l	92
15) Acrylonitrile	5.559	53	206660	98.249	ug/l	98
16) Acetone	4.291	43	173605	93.488	ug/l	98
17) Carbon Disulfide	4.521	76	180296	18.746	ug/l	99
18) Methyl Acetate	4.862	43	97359	18.666	ug/l #	78
19) Methyl tert-butyl Ether	5.621	73	282958	19.666	ug/l	99
20) Methylene Chloride	5.095	84	87674	19.804	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	80127	19.519	ug/l	89
22) Diisopropyl ether	6.500	45	285862	19.737	ug/l	97
23) Vinyl Acetate	6.436	43	1213733	98.020	ug/l	98
24) 1,1-Dichloroethane	6.388	63	158610	19.644	ug/l	100
25) 2-Butanone	7.343	43	296256	96.075	ug/l	96
26) 2,2-Dichloropropane	7.327	77	127073	18.009	ug/l	83
27) cis-1,2-Dichloroethene	7.327	96	100250	19.514	ug/l	88
28) Bromochloromethane	7.656	49	73966	18.773	ug/l	87
29) Tetrahydrofuran	7.691	42	199265	98.266	ug/l	93
30) Chloroform	7.820	83	175952	19.401	ug/l	98
31) Cyclohexane	8.096	56	154284	18.645	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	153463	19.514	ug/l	99
36) 1,1-Dichloropropene	8.222	75	128417	18.613	ug/l	97
37) Ethyl Acetate	7.418	43	123746	18.512	ug/l	99
38) Carbon Tetrachloride	8.209	117	126799	18.632	ug/l	99
39) Methylcyclohexane	9.461	83	142720	18.896	ug/l	93
40) Benzene	8.461	78	390015	18.886	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	65294	19.005	ug/l	97
42) 1,2-Dichloroethane	8.533	62	146649	19.122	ug/l	98
43) Isopropyl Acetate	8.566	43	223005	18.965	ug/l	96
44) Trichloroethene	9.217	130	98322	18.760	ug/l	84
45) 1,2-Dichloropropane	9.491	63	98726	18.882	ug/l	98
46) Dibromomethane	9.579	93	71172	19.184	ug/l	95
47) Bromodichloromethane	9.764	83	137781	18.997	ug/l	98
48) Methyl methacrylate	9.563	41	96763	18.605	ug/l	93
49) 1,4-Dioxane	9.574	88	35112	360.567	ug/l	92
51) 4-Methyl-2-Pentanone	10.333	43	693072	95.940	ug/l	96
52) Toluene	10.507	92	267660	19.786	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	146823	18.140	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	150635	18.675	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	102435	19.759	ug/l	98
56) Ethyl methacrylate	10.765	69	158931	19.899	ug/l	91
57) 1,3-Dichloropropane	11.046	76	170059	19.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	147441	81.527	ug/l	94
59) 2-Hexanone	11.089	43	487916	96.761	ug/l	94
60) Dibromochloromethane	11.242	129	101152	17.505	ug/l	99
61) 1,2-Dibromoethane	11.347	107	104460	19.736	ug/l	99
64) Tetrachloroethene	10.982	164	95406	18.696	ug/l	92
65) Chlorobenzene	11.773	112	280750	18.909	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	100783	19.298	ug/l	99
67) Ethyl Benzene	11.848	91	516011	19.091	ug/l	97
68) m/p-Xylenes	11.956	106	389546	38.105	ug/l	89
69) o-Xylene	12.283	106	191795	19.082	ug/l	88
70) Styrene	12.296	104	310708	19.325	ug/l	93
71) Bromoform	12.463	173	64028	16.119	ug/l #	98
73) Isopropylbenzene	12.583	105	492664	19.132	ug/l	98
74) N-amyl acetate	12.390	43	175521	18.788	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	143097	19.147	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	136035m	20.872	ug/l	
77) Bromobenzene	12.865	156	110132	19.324	ug/l	77
78) n-propylbenzene	12.924	91	559700	19.217	ug/l	97
79) 2-Chlorotoluene	13.010	91	339311	19.284	ug/l	90
80) 1,3,5-Trimethylbenzene	13.063	105	408395	19.573	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	35454	17.538	ug/l	99
82) 4-Chlorotoluene	13.109	91	334031	19.184	ug/l	92
83) tert-Butylbenzene	13.326	119	343111	19.282	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	403345	19.729	ug/l	95
85) sec-Butylbenzene	13.503	105	476088	19.333	ug/l	98
86) p-Isopropyltoluene	13.618	119	385543	19.401	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	202270	19.131	ug/l	96
88) 1,4-Dichlorobenzene	13.699	146	204288	18.872	ug/l	97
89) n-Butylbenzene	13.946	91	321325	18.851	ug/l	98
90) Hexachloroethane	14.214	117	62544	18.950	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	197787	19.379	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	25066	19.311	ug/l	72
93) 1,2,4-Trichlorobenzene	15.268	180	85147	17.833	ug/l	98
94) Hexachlorobutadiene	15.372	225	39504	18.420	ug/l	97
95) Naphthalene	15.509	128	257679	18.509	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	81606	17.803	ug/l	99

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

