

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067978.D
 Acq On : 3 Aug 2021 13:40
 Operator : JC/MD
 Sample : VN0803WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 6:40:53 PM

Quant Time: Aug 04 03:37:24 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	8.088	168	398414	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	720263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	673760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	296610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	294495	52.213	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.420%	
35) Dibromofluoromethane	8.024	113	219315	52.248	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.500%	
50) Toluene-d8	10.443	98	904138	46.929	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.860%	
62) 4-Bromofluorobenzene	12.734	95	308742	44.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	78113	19.134	ug/l	100
3) Chloromethane	2.301	50	94256	18.587	ug/l	95
4) Vinyl Chloride	2.443	62	142134	17.964	ug/l	95
5) Bromomethane	2.858	94	127684	18.108	ug/l	98
6) Chloroethane	3.022	64	110829	18.065	ug/l	99
7) Trichlorofluoromethane	3.371	101	271294	18.922	ug/l	97
8) Diethyl Ether	3.821	74	48300	17.729	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.202	101	80888	19.571	ug/l	95
10) Methyl Iodide	4.419	142	86828	18.200	ug/l	90
11) Tert butyl alcohol	5.380	59	69527	92.004	ug/l	# 84
12) 1,1-Dichloroethene	4.173	96	72908	19.299	ug/l	89
13) Acrolein	4.039	56	65498	127.714	ug/l	100
14) Allyl chloride	4.840	41	121082	18.872	ug/l	95
15) Acrylonitrile	5.554	53	204432	96.518	ug/l	98
16) Acetone	4.291	43	178994	86.976	ug/l	98
17) Carbon Disulfide	4.524	76	200982	18.344	ug/l	100
18) Methyl Acetate	4.862	43	97263	19.595	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	277903	19.596	ug/l	97
20) Methylene Chloride	5.095	84	95472	19.920	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	84605	19.255	ug/l	87
22) Diisopropyl ether	6.501	45	276388	19.406	ug/l	97
23) Vinyl Acetate	6.434	43	1152378	91.439	ug/l	96
24) 1,1-Dichloroethane	6.388	63	159295	19.340	ug/l	98
25) 2-Butanone	7.340	43	279355	93.565	ug/l	95
26) 2,2-Dichloropropane	7.327	77	140159	19.456	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	99061	18.964	ug/l	86
28) Bromochloromethane	7.659	49	72679	18.501	ug/l	# 81
29) Tetrahydrofuran	7.691	42	188288	98.482	ug/l	93
30) Chloroform	7.817	83	174412	19.120	ug/l	97
31) Cyclohexane	8.096	56	153614	18.463	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	154365	19.591	ug/l	98
36) 1,1-Dichloropropene	8.222	75	128340	19.263	ug/l	96
37) Ethyl Acetate	7.415	43	117299	18.708	ug/l	97
38) Carbon Tetrachloride	8.206	117	129074	19.700	ug/l	98
39) Methylcyclohexane	9.459	83	144167	20.023	ug/l	92
40) Benzene	8.458	78	384332	19.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	55192	18.478	ug/l	89
42) 1,2-Dichloroethane	8.531	62	141462	19.418	ug/l	96
43) Isopropyl Acetate	8.563	43	206634	19.777	ug/l	95
44) Trichloroethene	9.217	130	100157	20.076	ug/l	89
45) 1,2-Dichloropropane	9.491	63	95322	19.397	ug/l	95
46) Dibromomethane	9.580	93	68978	19.414	ug/l	95
47) Bromodichloromethane	9.765	83	134317	19.836	ug/l	97
48) Methyl methacrylate	9.561	41	85698	17.997	ug/l	87
49) 1,4-Dioxane	9.574	88	31327	376.941	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	623699	90.360	ug/l	96
52) Toluene	10.507	92	252135	19.673	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	138433	18.008	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	152910	18.702	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	97100	19.542	ug/l	93
56) Ethyl methacrylate	10.762	69	140417	17.842	ug/l	91
57) 1,3-Dichloropropane	11.047	76	162029	19.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	110663	81.028	ug/l	92
59) 2-Hexanone	11.087	43	430597	88.418	ug/l	94
60) Dibromochloromethane	11.240	129	97726	18.011	ug/l	99
61) 1,2-Dibromoethane	11.347	107	98525	19.308	ug/l	99
64) Tetrachloroethene	10.980	164	95120	19.712	ug/l	95
65) Chlorobenzene	11.773	112	267874	19.548	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	96022	18.585	ug/l	100
67) Ethyl Benzene	11.846	91	478247	19.598	ug/l	96
68) m/p-Xylenes	11.956	106	370573	37.410	ug/l	85
69) o-Xylene	12.283	106	178544	19.901	ug/l	89
70) Styrene	12.296	104	287786	18.041	ug/l	93
71) Bromoform	12.460	173	62738	17.424	ug/l #	98
73) Isopropylbenzene	12.581	105	460987	19.049	ug/l	97
74) N-amyl acetate	12.390	43	156205	18.571	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	135766	18.566	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	120184m	20.176	ug/l	
77) Bromobenzene	12.862	156	102821	18.505	ug/l	77
78) n-propylbenzene	12.921	91	534923	19.588	ug/l	97
79) 2-Chlorotoluene	13.010	91	323228	19.420	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	378803	19.312	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	33853	18.250	ug/l	99
82) 4-Chlorotoluene	13.106	91	317682	19.011	ug/l	93
83) tert-Butylbenzene	13.326	119	318480	19.527	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	370776	19.510	ug/l	95
85) sec-Butylbenzene	13.503	105	444436	19.481	ug/l	97
86) p-Isopropyltoluene	13.619	119	354522	19.532	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	190571	18.673	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	191297	18.981	ug/l	96
89) n-Butylbenzene	13.943	91	291154	18.707	ug/l	98
90) Hexachloroethane	14.211	117	61892	19.936	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	183847	19.131	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	22891	19.606	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	73860	18.771	ug/l	96
94) Hexachlorobutadiene	15.373	225	39454	19.757	ug/l	97
95) Naphthalene	15.509	128	181882	16.911	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	68436	18.366	ug/l	96

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

