

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067969.D
 Acq On : 29 Jul 2021 17:27
 Operator : JC/MD
 Sample : VN0729WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 7:30:11 PM

Quant Time: Jul 30 04:44:06 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	377169	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	684442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	636673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	269555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	284134	53.214	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.420%	
35) Dibromofluoromethane	8.024	113	212946	53.386	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.780%	
50) Toluene-d8	10.443	98	851039	46.521	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.040%	
62) 4-Bromofluorobenzene	12.733	95	286774	43.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 86.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	72388	18.731	ug/l	100
3) Chloromethane	2.300	50	89338	18.609	ug/l	99
4) Vinyl Chloride	2.445	62	135826	18.134	ug/l	97
5) Bromomethane	2.853	94	121187	18.154	ug/l	100
6) Chloroethane	3.019	64	105568	18.177	ug/l	98
7) Trichlorofluoromethane	3.371	101	251128	18.502	ug/l	99
8) Diethyl Ether	3.824	74	47834	18.547	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.202	101	72933	18.640	ug/l	96
10) Methyl Iodide	4.417	142	82923	18.333	ug/l	93
11) Tert butyl alcohol	5.387	59	65982	92.231	ug/l	99
12) 1,1-Dichloroethene	4.175	96	65604	18.344	ug/l	87
13) Acrolein	4.038	56	49689	102.346	ug/l	99
14) Allyl chloride	4.838	41	111846	18.415	ug/l	# 67
15) Acrylonitrile	5.559	53	190695	95.104	ug/l	98
16) Acetone	4.290	43	164664	84.520	ug/l	96
17) Carbon Disulfide	4.524	76	182487	17.594	ug/l	99
18) Methyl Acetate	4.856	43	91007	19.366	ug/l	97
19) Methyl tert-butyl Ether	5.623	73	261149	19.452	ug/l	97
20) Methylene Chloride	5.092	84	87616	19.302	ug/l	90
21) trans-1,2-Dichloroethene	5.597	96	76432	18.375	ug/l	88
22) Diisopropyl ether	6.500	45	260585	19.327	ug/l	98
23) Vinyl Acetate	6.436	43	1080937	90.682	ug/l	# 94
24) 1,1-Dichloroethane	6.385	63	146163	18.745	ug/l	99
25) 2-Butanone	7.340	43	263000	93.049	ug/l	97
26) 2,2-Dichloropropane	7.327	77	125865	18.456	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	93378	18.883	ug/l	85
28) Bromochloromethane	7.656	49	63523	17.081	ug/l	# 79
29) Tetrahydrofuran	7.689	42	171851	94.947	ug/l	91
30) Chloroform	7.820	83	162177	18.780	ug/l	98
31) Cyclohexane	8.096	56	137369	17.440	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	142376	19.087	ug/l	97
36) 1,1-Dichloropropene	8.220	75	114584	18.099	ug/l	95
37) Ethyl Acetate	7.415	43	113423	19.036	ug/l	99
38) Carbon Tetrachloride	8.206	117	119735	19.231	ug/l	99
39) Methylcyclohexane	9.461	83	131135	19.166	ug/l	92
40) Benzene	8.461	78	352290	18.796	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	54476	19.193	ug/l	91
42) 1,2-Dichloroethane	8.531	62	132459	19.134	ug/l	98
43) Isopropyl Acetate	8.563	43	191753	19.313	ug/l	95
44) Trichloroethene	9.217	130	89918	18.967	ug/l	87
45) 1,2-Dichloropropane	9.494	63	88799	19.015	ug/l	98
46) Dibromomethane	9.579	93	64921	19.228	ug/l	97
47) Bromodichloromethane	9.762	83	125666	19.529	ug/l	96
48) Methyl methacrylate	9.561	41	82324	18.168	ug/l	89
49) 1,4-Dioxane	9.574	88	28494	360.796	ug/l	92
51) 4-Methyl-2-Pentanone	10.333	43	588717	89.840	ug/l	96
52) Toluene	10.507	92	231759	19.030	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	128191	17.621	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	138114	17.893	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	89834	19.026	ug/l	95
56) Ethyl methacrylate	10.765	69	131567	17.635	ug/l	92
57) 1,3-Dichloropropane	11.046	76	149572	19.427	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	104482	80.657	ug/l	92
59) 2-Hexanone	11.087	43	405668	87.772	ug/l	94
60) Dibromochloromethane	11.239	129	89323	17.449	ug/l	98
61) 1,2-Dibromoethane	11.349	107	92515	19.079	ug/l	97
64) Tetrachloroethene	10.979	164	88331	19.371	ug/l	96
65) Chlorobenzene	11.773	112	242633	18.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	88831	18.233	ug/l	99
67) Ethyl Benzene	11.846	91	438227	19.004	ug/l	99
68) m/p-Xylenes	11.956	106	331812	35.661	ug/l	88
69) o-Xylene	12.285	106	160150	18.891	ug/l	88
70) Styrene	12.296	104	264043	17.593	ug/l	93
71) Bromoform	12.460	173	55778	16.632	ug/l #	98
73) Isopropylbenzene	12.580	105	408500	18.575	ug/l	97
74) N-amyl acetate	12.390	43	141634	18.528	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	124799	18.779	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	107831m	19.919	ug/l	
77) Bromobenzene	12.862	156	96022	19.016	ug/l	76
78) n-propylbenzene	12.924	91	464743	18.726	ug/l	95
79) 2-Chlorotoluene	13.010	91	284885	18.835	ug/l	91
80) 1,3,5-Trimethylbenzene	13.063	105	341592	19.163	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	31509	18.604	ug/l	100
82) 4-Chlorotoluene	13.109	91	284652	18.744	ug/l	93
83) tert-Butylbenzene	13.326	119	280049	18.894	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	339510	19.658	ug/l	95
85) sec-Butylbenzene	13.506	105	399448	19.267	ug/l	98
86) p-Isopropyltoluene	13.618	119	317362	19.240	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	170996	18.437	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	168512	18.398	ug/l	97
89) n-Butylbenzene	13.946	91	261682	18.501	ug/l	98
90) Hexachloroethane	14.214	117	52819	18.721	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	163175	18.684	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	20699	19.508	ug/l	76
93) 1,2,4-Trichlorobenzene	15.268	180	68217	19.037	ug/l	98
94) Hexachlorobutadiene	15.375	225	33984	18.726	ug/l	97
95) Naphthalene	15.509	128	181275	18.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	63128	18.606	ug/l	99

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

