

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067968.D
 Acq On : 29 Jul 2021 17:01
 Operator : JC/MD
 Sample : VN0729WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 7:30:10 PM

Quant Time: Jul 30 04:43:24 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	8.086	168	389932	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	699541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	668315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	282075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	290054	52.544	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.080%	
35) Dibromofluoromethane	8.021	113	216527	53.112	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.220%	
50) Toluene-d8	10.443	98	897579	47.883	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.760%	
62) 4-Bromofluorobenzene	12.733	95	301292	44.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	74171	18.564	ug/l	99
3) Chloromethane	2.301	50	89933	18.120	ug/l	98
4) Vinyl Chloride	2.443	62	142590	18.414	ug/l	96
5) Bromomethane	2.845	94	129325	18.739	ug/l	99
6) Chloroethane	3.011	64	110491	18.402	ug/l	97
7) Trichlorofluoromethane	3.368	101	262047	18.675	ug/l	100
8) Diethyl Ether	3.821	74	50524	18.949	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.199	101	76111	18.816	ug/l	96
10) Methyl Iodide	4.411	142	78213	17.000	ug/l	92
11) Tert butyl alcohol	5.385	59	67463	91.214	ug/l	99
12) 1,1-Dichloroethene	4.173	96	68634	18.563	ug/l	89
13) Acrolein	4.041	56	48068	95.766	ug/l	99
14) Allyl chloride	4.835	41	114974	18.310	ug/l	94
15) Acrylonitrile	5.557	53	192517	92.870	ug/l	99
16) Acetone	4.291	43	169673	84.240	ug/l	92
17) Carbon Disulfide	4.521	76	188738	17.601	ug/l	98
18) Methyl Acetate	4.857	43	90041	18.529	ug/l	95
19) Methyl tert-butyl Ether	5.621	73	259198	18.675	ug/l	99
20) Methylene Chloride	5.098	84	88373	18.824	ug/l	93
21) trans-1,2-Dichloroethene	5.594	96	78447	18.242	ug/l	89
22) Diisopropyl ether	6.498	45	261975	18.794	ug/l	96
23) Vinyl Acetate	6.434	43	1090721	88.719	ug/l	96
24) 1,1-Dichloroethane	6.385	63	150906	18.720	ug/l	98
25) 2-Butanone	7.340	43	269370	92.183	ug/l	92
26) 2,2-Dichloropropane	7.329	77	131806	18.695	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	93554	18.300	ug/l	87
28) Bromochloromethane	7.657	49	64182	16.693	ug/l	# 80
29) Tetrahydrofuran	7.689	42	176919	94.548	ug/l	92
30) Chloroform	7.817	83	163529	18.316	ug/l	98
31) Cyclohexane	8.091	56	143272	17.595	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	144020	18.675	ug/l	99
36) 1,1-Dichloropropene	8.220	75	119408	18.454	ug/l	96
37) Ethyl Acetate	7.415	43	108105	17.752	ug/l	99
38) Carbon Tetrachloride	8.206	117	119238	18.738	ug/l	96
39) Methylcyclohexane	9.461	83	136394	19.505	ug/l	94
40) Benzene	8.461	78	361502	18.871	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	56993	19.646	ug/l	93
42) 1,2-Dichloroethane	8.531	62	131948	18.649	ug/l	94
43) Isopropyl Acetate	8.563	43	192320	18.952	ug/l	95
44) Trichloroethene	9.217	130	93475	19.292	ug/l	90
45) 1,2-Dichloropropane	9.491	63	91971	19.269	ug/l	99
46) Dibromomethane	9.580	93	65859	19.085	ug/l	96
47) Bromodichloromethane	9.765	83	127956	19.456	ug/l	98
48) Methyl methacrylate	9.563	41	82606	17.879	ug/l	91
49) 1,4-Dioxane	9.571	88	30973	383.721	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	601239	89.780	ug/l	96
52) Toluene	10.507	92	241506	19.402	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	133121	17.858	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	140852	17.859	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	91372	18.934	ug/l	97
56) Ethyl methacrylate	10.762	69	133785	17.561	ug/l	93
57) 1,3-Dichloropropane	11.047	76	154151	19.590	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	114531	84.807	ug/l	92
59) 2-Hexanone	11.087	43	413942	87.651	ug/l	94
60) Dibromochloromethane	11.240	129	91436	17.472	ug/l	100
61) 1,2-Dibromoethane	11.347	107	95188	19.206	ug/l	98
64) Tetrachloroethene	10.980	164	92985	19.426	ug/l	93
65) Chlorobenzene	11.773	112	257721	18.960	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	93807	18.332	ug/l	98
67) Ethyl Benzene	11.846	91	463680	19.156	ug/l	98
68) m/p-Xylenes	11.956	106	357449	36.491	ug/l	85
69) o-Xylene	12.283	106	170750	19.188	ug/l	88
70) Styrene	12.296	104	272910	17.364	ug/l	93
71) Bromoform	12.460	173	58937	16.715	ug/l #	99
73) Isopropylbenzene	12.581	105	434817	18.894	ug/l	97
74) N-amyl acetate	12.390	43	144060	18.009	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	128001	18.406	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	112968m	19.942	ug/l	
77) Bromobenzene	12.862	156	95867	18.143	ug/l	79
78) n-propylbenzene	12.924	91	497850	19.170	ug/l	96
79) 2-Chlorotoluene	13.010	91	300074	18.958	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	363545	19.489	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	32858	18.552	ug/l	98
82) 4-Chlorotoluene	13.106	91	295270	18.581	ug/l	93
83) tert-Butylbenzene	13.326	119	297831	19.202	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	352400	19.499	ug/l	94
85) sec-Butylbenzene	13.503	105	419982	19.358	ug/l	97
86) p-Isopropyltoluene	13.619	119	331016	19.177	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	177118	18.249	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	172035	17.949	ug/l	97
89) n-Butylbenzene	13.946	91	270714	18.290	ug/l	98
90) Hexachloroethane	14.211	117	56583	19.165	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	167047	18.278	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	21145	19.044	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	66212	17.836	ug/l	99
94) Hexachlorobutadiene	15.373	225	34790	18.320	ug/l	98
95) Naphthalene	15.509	128	168372	16.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	61883	17.580	ug/l	97

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

