

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068679.D
 Acq On : 25 Sep 2021 20:06
 Operator : JC/MD
 Sample : VN0925WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:01:05 AM

Quant Time: Sep 27 04:48:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	973825	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1572695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1423548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	581519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	649990	42.595	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.180%		
35) Dibromofluoromethane	8.024	113	499636	47.412	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.820%		
50) Toluene-d8	10.443	98	2028928	45.489	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.980%		
62) 4-Bromofluorobenzene	12.734	95	645200	42.296	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	69157	6.643	ug/l	95
3) Chloromethane	2.301	50	89996	5.241	ug/l	100
4) Vinyl Chloride	2.443	62	105588	6.333	ug/l	97
5) Bromomethane	2.850	94	68655	1.937	ug/l	98
6) Chloroethane	3.014	64	76507	6.708	ug/l	100
7) Trichlorofluoromethane	3.373	101	122240	6.301	ug/l	98
8) Diethyl Ether	3.827	74	44882	6.586	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	67842	6.542	ug/l	88
10) Methyl Iodide	4.422	142	74467	5.974	ug/l	90
11) Tert butyl alcohol	5.364	59	71401	30.513	ug/l	98
12) 1,1-Dichloroethene	4.183	96	63876	6.485	ug/l	87
13) Acrolein	4.044	56	35050	53.251	ug/l	99
14) Allyl chloride	4.841	41	123916	6.061	ug/l	96
15) Acrylonitrile	5.554	53	211457	33.526	ug/l	99
16) Acetone	4.288	43	178853	21.972	ug/l	94
17) Carbon Disulfide	4.535	76	160651	5.501	ug/l	97
18) Methyl Acetate	4.857	43	152723	6.830	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	249277	6.745	ug/l	99
20) Methylene Chloride	5.101	84	84383	5.558	ug/l	97
21) trans-1,2-Dichloroethene	5.600	96	68944	6.436	ug/l	98
22) Diisopropyl ether	6.498	45	273464	6.492	ug/l	97
23) Vinyl Acetate	6.434	43	1073895	32.388	ug/l	99
24) 1,1-Dichloroethane	6.388	63	143700	6.581	ug/l	99
25) 2-Butanone	7.335	43	302285	32.616	ug/l	99
26) 2,2-Dichloropropane	7.329	77	104913	5.630	ug/l	92
27) cis-1,2-Dichloroethene	7.329	96	84406	6.688	ug/l	88
28) Bromochloromethane	7.662	49	67750	6.962	ug/l	89
29) Tetrahydrofuran	7.686	42	198445	33.686	ug/l	99
30) Chloroform	7.820	83	149110	6.734	ug/l	99
31) Cyclohexane	8.096	56	148973	6.984	ug/l	# 85
32) 1,1,1-Trichloroethane	8.016	97	131960	6.808	ug/l	99
36) 1,1-Dichloropropene	8.225	75	104566	6.583	ug/l	97
37) Ethyl Acetate	7.413	43	125828	6.978	ug/l	98
38) Carbon Tetrachloride	8.209	117	115772	7.057	ug/l	100
39) Methylcyclohexane	9.462	83	123297	6.626	ug/l	92
40) Benzene	8.461	78	330164	7.083	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	59183	6.205	ug/l	95
42) 1,2-Dichloroethane	8.534	62	124765	6.878	ug/l	97
43) Isopropyl Acetate	8.563	43	234260	7.594	ug/l	94
44) Trichloroethene	9.217	130	80540	7.169	ug/l	83
45) 1,2-Dichloropropane	9.491	63	89010	7.252	ug/l	99
46) Dibromomethane	9.580	93	59283	7.306	ug/l #	89
47) Bromodichloromethane	9.762	83	121281	7.208	ug/l	99
48) Methyl methacrylate	9.561	41	93283	6.621	ug/l	96
49) 1,4-Dioxane	9.569	88	26996	131.352	ug/l	99
51) 4-Methyl-2-Pentanone	10.331	43	669836	35.905	ug/l	100
52) Toluene	10.508	92	212158	7.182	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	128263	6.909	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	131708	6.791	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	83573	7.298	ug/l	98
56) Ethyl methacrylate	10.762	69	133057	7.110	ug/l	98
57) 1,3-Dichloropropane	11.047	76	148808	7.443	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	160627	39.992	ug/l	97
59) 2-Hexanone	11.087	43	485762	36.209	ug/l	99
60) Dibromochloromethane	11.240	129	91765	7.415	ug/l	98
61) 1,2-Dibromoethane	11.347	107	84348	7.201	ug/l	99
64) Tetrachloroethene	10.977	164	68635	7.342	ug/l	92
65) Chlorobenzene	11.773	112	224508	7.465	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	88456	8.057	ug/l	99
67) Ethyl Benzene	11.846	91	394709	7.204	ug/l	95
68) m/p-Xylenes	11.956	106	289847	14.413	ug/l	88
69) o-Xylene	12.283	106	142677	7.222	ug/l	90
70) Styrene	12.296	104	224136	7.053	ug/l	95
71) Bromoform	12.460	173	61058	7.372	ug/l #	99
73) Isopropylbenzene	12.581	105	367275	7.044	ug/l	96
74) N-amyl acetate	12.390	43	150642	6.769	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.830	83	117162	7.170	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	104317m	7.255	ug/l	
77) Bromobenzene	12.862	156	83675	7.000	ug/l	77
78) n-propylbenzene	12.921	91	410277	6.929	ug/l	96
79) 2-Chlorotoluene	13.010	91	247112	6.908	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	324765	7.931	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	34026	6.685	ug/l	97
82) 4-Chlorotoluene	13.106	91	242833	6.985	ug/l	94
83) tert-Butylbenzene	13.326	119	275215	7.400	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	285382	7.149	ug/l	92
85) sec-Butylbenzene	13.503	105	373773	7.387	ug/l	96
86) p-Isopropyltoluene	13.619	119	288645	7.124	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	145522	7.174	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	144562	7.017	ug/l	97
89) n-Butylbenzene	13.943	91	235423	6.697	ug/l	97
90) Hexachloroethane	14.211	117	58388	7.305	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	140535	7.143	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	27975	9.239	ug/l	83
93) 1,2,4-Trichlorobenzene	15.265	180	68502	7.019	ug/l	97
94) Hexachlorobutadiene	15.373	225	37799	7.207	ug/l	99
95) Naphthalene	15.507	128	236413	9.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	68354	7.169	ug/l	97

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

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