

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068662.D
 Acq On : 25 Sep 2021 12:49
 Operator : JC/MD
 Sample : VN0925WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:00:37 AM

Quant Time: Sep 27 04:41:54 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	432423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	695466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	637569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	278193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	335948	49.782	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.560%
35) Dibromofluoromethane	8.021	113	284333	61.270	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	122.540%
50) Toluene-d8	10.440	98	999977	50.699	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.733	95	314241	46.584	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	86458	18.702	ug/l	97
3) Chloromethane	2.303	50	107026	14.038	ug/l	99
4) Vinyl Chloride	2.445	62	135304	18.275	ug/l	96
5) Bromomethane	2.858	94	93250	27.048	ug/l	95
6) Chloroethane	3.019	64	101552	25.199	ug/l	97
7) Trichlorofluoromethane	3.376	101	160781	18.664	ug/l	95
8) Diethyl Ether	3.829	74	55519	18.346	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.218	101	92621	20.115	ug/l	92
10) Methyl Iodide	4.425	142	98219	17.745	ug/l	92
11) Tert butyl alcohol	5.361	59	84663	81.478	ug/l	98
12) 1,1-Dichloroethene	4.189	96	79413	18.156	ug/l	85
13) Acrolein	4.044	56	25245	82.130	ug/l	99
14) Allyl chloride	4.846	41	160680	17.699	ug/l	99
15) Acrylonitrile	5.551	53	251034	89.631	ug/l	99
16) Acetone	4.291	43	284321	109.686	ug/l	97
17) Carbon Disulfide	4.535	76	212151	16.359	ug/l	99
18) Methyl Acetate	4.862	43	171542	17.276	ug/l	100
19) Methyl tert-butyl Ether	5.615	73	311619	18.989	ug/l	100
20) Methylene Chloride	5.095	84	106251	19.561	ug/l	99
21) trans-1,2-Dichloroethene	5.599	96	86823	18.253	ug/l	97
22) Diisopropyl ether	6.495	45	345850	18.491	ug/l	98
23) Vinyl Acetate	6.428	43	1342145	91.157	ug/l	99
24) 1,1-Dichloroethane	6.385	63	183114	18.884	ug/l	100
25) 2-Butanone	7.329	43	399571	97.091	ug/l	98
26) 2,2-Dichloropropane	7.327	77	175107	21.164	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	110346	19.689	ug/l	94
28) Bromochloromethane	7.656	49	81901	18.955	ug/l	93
29) Tetrahydrofuran	7.689	42	235911	90.184	ug/l	100
30) Chloroform	7.820	83	198459	20.184	ug/l	100
31) Cyclohexane	8.096	56	164719	17.390	ug/l	93
32) 1,1,1-Trichloroethane	8.018	97	198036	23.007	ug/l	98
36) 1,1-Dichloropropene	8.220	75	136902	19.491	ug/l	98
37) Ethyl Acetate	7.415	43	144925	18.174	ug/l	98
38) Carbon Tetrachloride	8.214	117	146730	20.225	ug/l	97
39) Methylcyclohexane	9.461	83	163645	19.888	ug/l	96
40) Benzene	8.461	78	392369	19.035	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	75591	17.922	ug/l #	88
42) 1,2-Dichloroethane	8.533	62	152647	19.031	ug/l	97
43) Isopropyl Acetate	8.560	43	248674	18.229	ug/l	99
44) Trichloroethene	9.217	130	97921	19.710	ug/l	87
45) 1,2-Dichloropropane	9.488	63	108021	19.903	ug/l	100
46) Dibromomethane	9.577	93	71898	20.037	ug/l #	91
47) Bromodichloromethane	9.762	83	142156	19.104	ug/l	97
48) Methyl methacrylate	9.558	41	103759	16.653	ug/l	93
49) 1,4-Dioxane	9.569	88	30984	340.912	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	794774	96.339	ug/l	99
52) Toluene	10.507	92	264305	20.232	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	164157	19.997	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	198964	23.200	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	98637	19.477	ug/l	97
56) Ethyl methacrylate	10.762	69	157641	17.865	ug/l	99
57) 1,3-Dichloropropane	11.046	76	167739	18.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	139665	67.021	ug/l	97
59) 2-Hexanone	11.087	43	541812	91.330	ug/l	100
60) Dibromochloromethane	11.240	129	108152	19.762	ug/l	100
61) 1,2-Dibromoethane	11.347	107	98338	18.985	ug/l	99
64) Tetrachloroethene	10.979	164	87603	20.925	ug/l	90
65) Chlorobenzene	11.773	112	263738	19.581	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	100957	20.531	ug/l	99
67) Ethyl Benzene	11.846	91	473653	19.302	ug/l	97
68) m/p-Xylenes	11.956	106	361202	40.102	ug/l	86
69) o-Xylene	12.283	106	178370	20.158	ug/l	86
70) Styrene	12.296	104	283159	19.895	ug/l	93
71) Bromoform	12.460	173	74379	20.051	ug/l #	100
73) Isopropylbenzene	12.581	105	458453	18.379	ug/l	96
74) N-amyl acetate	12.390	43	177551	16.677	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	142544	18.236	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	125781m	18.286	ug/l	
77) Bromobenzene	12.862	156	108152	18.912	ug/l	75
78) n-propylbenzene	12.921	91	536466	18.939	ug/l	96
79) 2-Chlorotoluene	13.010	91	317412	18.547	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	383909	19.598	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.626	75	42933	17.631	ug/l	96
82) 4-Chlorotoluene	13.106	91	309732	18.624	ug/l	93
83) tert-Butylbenzene	13.326	119	336242	18.898	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	374440	19.607	ug/l	93
85) sec-Butylbenzene	13.503	105	466247	19.261	ug/l	96
86) p-Isopropyltoluene	13.618	119	379313	19.570	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	185828	19.149	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	184518	18.723	ug/l	96
89) n-Butylbenzene	13.946	91	319848	19.020	ug/l	98
90) Hexachloroethane	14.211	117	76027	19.884	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	181236	19.256	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	27170	18.757	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	88177	18.887	ug/l	97
94) Hexachlorobutadiene	15.372	225	61490	24.509	ug/l	100
95) Naphthalene	15.507	128	270639	21.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	87154	19.107	ug/l	97

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

