

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068515.D
 Acq On : 17 Sep 2021 12:47
 Operator : JC/MD
 Sample : VN0917WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 2:07:49 PM

Quant Time: Sep 20 03:55:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	538039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	827615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	777252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	398585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	283826	57.508	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.020%			
35) Dibromofluoromethane	8.021	113	262872	52.663	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.320%			
50) Toluene-d8	10.443	98	977398	47.904	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.800%			
62) 4-Bromofluorobenzene	12.734	95	333616	49.484	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	82535	18.788	ug/l	99
3) Chloromethane	2.303	50	78777	19.677	ug/l	99
4) Vinyl Chloride	2.443	62	126848	19.041	ug/l	99
5) Bromomethane	2.856	94	131265	21.670	ug/l	98
6) Chloroethane	3.017	64	89861	18.321	ug/l	98
7) Trichlorofluoromethane	3.374	101	159587	19.100	ug/l	100
8) Diethyl Ether	3.829	74	53191	21.107	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	92234	19.976	ug/l	98
10) Methyl Iodide	4.428	142	127575	19.372	ug/l	99
11) Tert butyl alcohol	5.369	59	76563	104.480	ug/l #	86
12) 1,1-Dichloroethene	4.186	96	81003	19.163	ug/l	99
13) Acrolein	4.044	56	31181	85.081	ug/l	98
14) Allyl chloride	4.846	41	108284	20.167	ug/l	98
15) Acrylonitrile	5.554	53	195782	104.032	ug/l	98
16) Acetone	4.288	43	157028	109.584	ug/l	96
17) Carbon Disulfide	4.532	76	205203	18.079	ug/l	99
18) Methyl Acetate	4.857	43	93233	20.697	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	298921	21.104	ug/l	98
20) Methylene Chloride	5.098	84	104207	21.853	ug/l	97
21) trans-1,2-Dichloroethene	5.600	96	92057	19.075	ug/l	98
22) Diisopropyl ether	6.498	45	248018	21.333	ug/l	98
23) Vinyl Acetate	6.434	43	943663	108.603	ug/l	98
24) 1,1-Dichloroethane	6.391	63	156865	19.912	ug/l	98
25) 2-Butanone	7.335	43	248661	103.682	ug/l	99
26) 2,2-Dichloropropane	7.327	77	147149	20.232	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	117319	20.698	ug/l	99
28) Bromochloromethane	7.657	49	59305	19.345	ug/l	98
29) Tetrahydrofuran	7.683	42	165958	105.998	ug/l	98
30) Chloroform	7.820	83	188903	20.269	ug/l	98
31) Cyclohexane	8.096	56	143605	19.201	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	177866	20.572	ug/l	99
36) 1,1-Dichloropropene	8.223	75	130679	18.939	ug/l	99
37) Ethyl Acetate	7.413	43	104815	19.970	ug/l	98
38) Carbon Tetrachloride	8.209	117	164214	19.866	ug/l	100
39) Methylcyclohexane	9.462	83	169288	19.393	ug/l	99
40) Benzene	8.461	78	406097	19.883	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	46811	18.124	ug/l	92
42) 1,2-Dichloroethane	8.531	62	140530	19.859	ug/l	100
43) Isopropyl Acetate	8.563	43	185860	20.071	ug/l	98
44) Trichloroethene	9.218	130	127007	19.640	ug/l	99
45) 1,2-Dichloropropane	9.491	63	95511	19.588	ug/l	98
46) Dibromomethane	9.580	93	79527	20.262	ug/l	98
47) Bromodichloromethane	9.765	83	152804	20.517	ug/l	98
48) Methyl methacrylate	9.561	41	81368	21.042	ug/l	97
49) 1,4-Dioxane	9.569	88	35498	400.180	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	557846	105.531	ug/l	99
52) Toluene	10.508	92	283385	20.912	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	152332	21.349	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	163039	20.852	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	118399	22.016	ug/l	98
56) Ethyl methacrylate	10.762	69	146504	21.934	ug/l	98
57) 1,3-Dichloropropane	11.047	76	177939	21.470	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	94755	165.916	ug/l	99
59) 2-Hexanone	11.087	43	382124	107.940	ug/l	98
60) Dibromochloromethane	11.240	129	142733	20.475	ug/l	99
61) 1,2-Dibromoethane	11.347	107	127508	22.363	ug/l	100
64) Tetrachloroethene	10.980	164	142116	20.630	ug/l	99
65) Chlorobenzene	11.771	112	332667	20.832	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	136604	21.760	ug/l	98
67) Ethyl Benzene	11.846	91	535307	20.484	ug/l	100
68) m/p-Xylenes	11.956	106	453323	43.079	ug/l	99
69) o-Xylene	12.283	106	219347	21.393	ug/l	98
70) Styrene	12.296	104	346965	20.265	ug/l	100
71) Bromoform	12.460	173	114678	20.912	ug/l #	100
73) Isopropylbenzene	12.581	105	564149	19.897	ug/l	100
74) N-amyl acetate	12.390	43	129635	20.499	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	156765	19.723	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	119901m	21.244	ug/l	
77) Bromobenzene	12.862	156	162079	20.667	ug/l	100
78) n-propylbenzene	12.924	91	604540	20.193	ug/l	100
79) 2-Chlorotoluene	13.010	91	363812	19.711	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	471953	20.490	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	40089	22.290	ug/l	99
82) 4-Chlorotoluene	13.109	91	350275	19.680	ug/l	99
83) tert-Butylbenzene	13.326	119	431217	20.505	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	459376	20.795	ug/l	100
85) sec-Butylbenzene	13.503	105	567383	20.461	ug/l	100
86) p-Isopropyltoluene	13.619	119	491719	21.009	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	285322	20.969	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	270367	20.159	ug/l	98
89) n-Butylbenzene	13.943	91	332946	19.528	ug/l	99
90) Hexachloroethane	14.211	117	86935	21.160	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	272012	20.724	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	24777	19.638	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	126238	18.902	ug/l	100
94) Hexachlorobutadiene	15.370	225	90385	23.333	ug/l	99
95) Naphthalene	15.509	128	247862	18.107	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	125865	19.821	ug/l	98

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

