

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068971.D
 Acq On : 18 Oct 2021 11:47
 Operator : JC/MD
 Sample : VN1018WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2021 5:23:30 PM

Quant Time: Oct 19 06:33:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	329597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	580998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	527645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	223110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	240123	55.256	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.520%			
35) Dibromofluoromethane	8.021	113	182179	53.894	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.780%			
50) Toluene-d8	10.443	98	739661	54.688	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.380%			
62) 4-Bromofluorobenzene	12.731	95	268144	52.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	73144	18.622	ug/l	99
3) Chloromethane	2.303	50	83531	20.735	ug/l	99
4) Vinyl Chloride	2.446	62	94234	23.030	ug/l	97
5) Bromomethane	2.856	94	61687	27.407	ug/l	97
6) Chloroethane	3.019	64	58274	24.165	ug/l	96
7) Trichlorofluoromethane	3.376	101	121560	21.216	ug/l	99
8) Diethyl Ether	3.829	74	45061	21.084	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.218	101	68051	22.088	ug/l	97
10) Methyl Iodide	4.425	142	81967	18.330	ug/l	98
11) Tert butyl alcohol	5.364	59	80677	101.601	ug/l #	86
12) 1,1-Dichloroethene	4.186	96	64277	20.183	ug/l	99
13) Acrolein	4.041	56	16835	47.926	ug/l	93
14) Allyl chloride	4.843	41	116986	20.491	ug/l	98
15) Acrylonitrile	5.554	53	189707	106.621	ug/l	99
16) Acetone	4.285	43	192543	118.729	ug/l	98
17) Carbon Disulfide	4.535	76	171598	19.854	ug/l	100
18) Methyl Acetate	4.857	43	133908	21.770	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	253888	21.410	ug/l	98
20) Methylene Chloride	5.098	84	76349	20.455	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	68841	20.008	ug/l	100
22) Diisopropyl ether	6.498	45	248607	20.940	ug/l	99
23) Vinyl Acetate	6.434	43	946971	105.506	ug/l	99
24) 1,1-Dichloroethane	6.391	63	136282	21.127	ug/l	100
25) 2-Butanone	7.335	43	275856	112.489	ug/l	98
26) 2,2-Dichloropropane	7.327	77	128873	20.963	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	85967	20.669	ug/l	100
28) Bromochloromethane	7.659	49	62979	21.556	ug/l	98
29) Tetrahydrofuran	7.683	42	174317	109.588	ug/l	99
30) Chloroform	7.820	83	145841	21.453	ug/l	98
31) Cyclohexane	8.096	56	134061	19.841	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	132097	20.844	ug/l	99
36) 1,1-Dichloropropene	8.223	75	105287	21.216	ug/l	99
37) Ethyl Acetate	7.413	43	108625	21.194	ug/l	99
38) Carbon Tetrachloride	8.209	117	114247	20.962	ug/l	99
39) Methylcyclohexane	9.462	83	136284	21.336	ug/l	96
40) Benzene	8.461	78	323304	21.395	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	54061	20.924	ug/l	97
42) 1,2-Dichloroethane	8.531	62	116525	21.775	ug/l	100
43) Isopropyl Acetate	8.560	43	196488	21.728	ug/l	99
44) Trichloroethene	9.218	130	79211	20.944	ug/l	100
45) 1,2-Dichloropropane	9.491	63	83259	21.233	ug/l	98
46) Dibromomethane	9.580	93	57343	21.423	ug/l	98
47) Bromodichloromethane	9.762	83	118542	21.371	ug/l	100
48) Methyl methacrylate	9.561	41	88756	20.888	ug/l	96
49) 1,4-Dioxane	9.566	88	31306	400.184	ug/l	96
51) 4-Methyl-2-Pentanone	10.331	43	566626	108.060	ug/l	100
52) Toluene	10.505	92	210367	21.637	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	132253	21.049	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	137366	21.013	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	81607	21.290	ug/l	99
56) Ethyl methacrylate	10.760	69	137095	21.302	ug/l	98
57) 1,3-Dichloropropane	11.047	76	138911	21.977	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	154535	94.259	ug/l	99
59) 2-Hexanone	11.084	43	410588	109.188	ug/l	99
60) Dibromochloromethane	11.240	129	88443	20.441	ug/l	99
61) 1,2-Dibromoethane	11.347	107	83444	21.223	ug/l	99
64) Tetrachloroethene	10.977	164	70170	20.644	ug/l	97
65) Chlorobenzene	11.771	112	217708	21.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	83375	21.335	ug/l	98
67) Ethyl Benzene	11.846	91	406323	21.908	ug/l	100
68) m/p-Xylenes	11.953	106	307427	43.726	ug/l	100
69) o-Xylene	12.280	106	150150	21.336	ug/l	98
70) Styrene	12.296	104	246968	21.558	ug/l	99
71) Bromoform	12.460	173	61846	19.756	ug/l #	98
73) Isopropylbenzene	12.581	105	397822	21.422	ug/l	100
74) N-amyl acetate	12.390	43	149462	21.243	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.827	83	119564	22.279	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	112317m	23.660	ug/l	
77) Bromobenzene	12.862	156	86826	21.144	ug/l	98
78) n-propylbenzene	12.921	91	452313	21.673	ug/l	99
79) 2-Chlorotoluene	13.007	91	277574	21.579	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	334489	21.624	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	37292	18.794	ug/l	95
82) 4-Chlorotoluene	13.106	91	271816	21.868	ug/l	98
83) tert-Butylbenzene	13.324	119	287910	21.382	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	324429	21.769	ug/l	99
85) sec-Butylbenzene	13.503	105	405556	21.748	ug/l	99
86) p-Isopropyltoluene	13.616	119	321488	21.493	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	152689	21.496	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	151804	21.533	ug/l	98
89) n-Butylbenzene	13.943	91	265999	21.362	ug/l	99
90) Hexachloroethane	14.211	117	64323	20.472	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	150471	21.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23673	22.879	ug/l	92
93) 1,2,4-Trichlorobenzene	15.265	180	67609	19.705	ug/l	98
94) Hexachlorobutadiene	15.373	225	38371	19.530	ug/l	98
95) Naphthalene	15.507	128	189017	20.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	64934	19.810	ug/l	100

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

