

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068997.D
 Acq On : 18 Oct 2021 23:32
 Operator : JC/MD
 Sample : VN1018WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/19/2021 5:23:39 PM

Quant Time: Oct 19 09:58:09 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	291792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	541594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	495654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	206198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	221443	57.560	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.120%			
35) Dibromofluoromethane	8.024	113	170637	54.153	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.300%			
50) Toluene-d8	10.443	98	685457	54.368	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.740%			
62) 4-Bromofluorobenzene	12.733	95	251929	52.962	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	67792	19.437	ug/l	98
3) Chloromethane	2.303	50	79321	22.241	ug/l	100
4) Vinyl Chloride	2.443	62	91932	25.378	ug/l	99
5) Bromomethane	2.848	94	59668	29.945	ug/l	97
6) Chloroethane	3.014	64	56839	26.624	ug/l	98
7) Trichlorofluoromethane	3.373	101	113608	22.397	ug/l	98
8) Diethyl Ether	3.829	74	42151	22.277	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.213	101	62588	22.947	ug/l	98
10) Methyl Iodide	4.425	142	78664	19.871	ug/l	99
11) Tert butyl alcohol	5.369	59	77158	109.758	ug/l	100
12) 1,1-Dichloroethene	4.186	96	61189	21.702	ug/l	98
13) Acrolein	4.044	56	34417	110.673	ug/l	100
14) Allyl chloride	4.846	41	108238	21.415	ug/l	98
15) Acrylonitrile	5.554	53	182807	116.055	ug/l	100
16) Acetone	4.288	43	151356	105.424	ug/l	99
17) Carbon Disulfide	4.535	76	159300	20.819	ug/l	99
18) Methyl Acetate	4.856	43	136859	25.132	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	235578	22.439	ug/l	100
20) Methylene Chloride	5.098	84	76765	23.231	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	65488	21.500	ug/l	99
22) Diisopropyl ether	6.495	45	231435	22.019	ug/l	99
23) Vinyl Acetate	6.436	43	864286	108.770	ug/l	99
24) 1,1-Dichloroethane	6.388	63	130020	22.767	ug/l	99
25) 2-Butanone	7.335	43	248623	114.520	ug/l	99
26) 2,2-Dichloropropane	7.327	77	96709	17.770	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	79188	21.506	ug/l	99
28) Bromochloromethane	7.659	49	62070	23.998	ug/l	98
29) Tetrahydrofuran	7.686	42	164493	116.810	ug/l	97
30) Chloroform	7.820	83	136919	22.750	ug/l	97
31) Cyclohexane	8.096	56	122135	20.418	ug/l	93
32) 1,1,1-Trichloroethane	8.018	97	122806	21.889	ug/l	98
36) 1,1-Dichloropropene	8.222	75	100276	21.676	ug/l	98
37) Ethyl Acetate	7.412	43	102320	21.416	ug/l	100
38) Carbon Tetrachloride	8.209	117	106088	20.881	ug/l	98
39) Methylcyclohexane	9.461	83	122088	20.505	ug/l	96
40) Benzene	8.461	78	302405	21.467	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	47027	19.526	ug/l	88
42) 1,2-Dichloroethane	8.531	62	109027	21.857	ug/l	100
43) Isopropyl Acetate	8.560	43	186290	22.099	ug/l	98
44) Trichloroethene	9.217	130	73858	20.950	ug/l	100
45) 1,2-Dichloropropane	9.491	63	78262	21.411	ug/l	97
46) Dibromomethane	9.579	93	53735	21.536	ug/l	98
47) Bromodichloromethane	9.762	83	110490	21.369	ug/l	100
48) Methyl methacrylate	9.561	41	83368	21.048	ug/l	96
49) 1,4-Dioxane	9.569	88	30629	418.250	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	545151	111.528	ug/l	100
52) Toluene	10.507	92	197938	21.840	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	117866	20.124	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	125425	20.582	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	78262	21.902	ug/l	99
56) Ethyl methacrylate	10.762	69	128956	21.495	ug/l	98
57) 1,3-Dichloropropane	11.044	76	130596	22.165	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	158244	101.696	ug/l	99
59) 2-Hexanone	11.087	43	397853	113.499	ug/l	100
60) Dibromochloromethane	11.240	129	82446	20.441	ug/l	99
61) 1,2-Dibromoethane	11.347	107	80529	21.972	ug/l	100
64) Tetrachloroethene	10.979	164	62584	19.601	ug/l	96
65) Chlorobenzene	11.771	112	208263	22.205	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	78335	21.339	ug/l	99
67) Ethyl Benzene	11.846	91	383290	22.000	ug/l	100
68) m/p-Xylenes	11.956	106	287877	43.588	ug/l	100
69) o-Xylene	12.283	106	142228	21.514	ug/l	98
70) Styrene	12.296	104	235024	21.840	ug/l	100
71) Bromoform	12.460	173	57911	19.693	ug/l #	99
73) Isopropylbenzene	12.581	105	374006	21.792	ug/l	100
74) N-amyl acetate	12.387	43	146562	22.540	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	120514	24.298	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	100810m	22.978	ug/l	
77) Bromobenzene	12.862	156	83902	22.108	ug/l	96
78) n-propylbenzene	12.921	91	425896	22.081	ug/l	99
79) 2-Chlorotoluene	13.010	91	267131	22.470	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	312271	21.844	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	34942	19.054	ug/l	96
82) 4-Chlorotoluene	13.106	91	255232	22.218	ug/l	100
83) tert-Butylbenzene	13.326	119	274979	22.097	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	304622	22.116	ug/l	98
85) sec-Butylbenzene	13.503	105	383581	22.256	ug/l	99
86) p-Isopropyltoluene	13.618	119	303211	21.934	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	146002	22.241	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	142734	21.907	ug/l	98
89) n-Butylbenzene	13.943	91	242782	21.096	ug/l	99
90) Hexachloroethane	14.211	117	61204	21.077	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	142590	22.360	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	21926	22.928	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	61096	19.325	ug/l	99
94) Hexachlorobutadiene	15.370	225	33878	18.657	ug/l	99
95) Naphthalene	15.507	128	185207	21.691	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	61815	20.330	ug/l	98

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

