

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101221\
 Data File : VN068884.D
 Acq On : 13 Oct 2021 00:52
 Operator : JC/MD
 Sample : VN1012WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS02

Manual Integrations
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 10/14/2021 1:29:55 PM

Quant Time: Oct 13 08:26:02 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	333272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	573154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	518411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	217331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215078	48.947	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.900%
35) Dibromofluoromethane	8.024	113	171149	51.324	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.640%
50) Toluene-d8	10.443	98	669714	50.194	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.733	95	236229	46.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	70426	17.791	ug/l	99
3) Chloromethane	2.303	50	77904	19.125	ug/l	99
4) Vinyl Chloride	2.445	62	85213	20.595	ug/l	98
5) Bromomethane	2.858	94	51541	22.647	ug/l	99
6) Chloroethane	3.019	64	49362	20.244	ug/l	98
7) Trichlorofluoromethane	3.376	101	110435	19.061	ug/l	100
8) Diethyl Ether	3.829	74	40698	18.832	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.218	101	59177	18.996	ug/l	98
10) Methyl Iodide	4.430	142	76486	16.916	ug/l #	95
11) Tert butyl alcohol	5.366	59	69096	86.056	ug/l	99
12) 1,1-Dichloroethene	4.189	96	59333	18.425	ug/l	97
13) Acrolein	4.049	56	28830	81.169	ug/l	96
14) Allyl chloride	4.843	41	105948	18.353	ug/l	99
15) Acrylonitrile	5.559	53	166383	92.481	ug/l	100
16) Acetone	4.288	43	131440	80.157	ug/l	99
17) Carbon Disulfide	4.535	76	161058	18.429	ug/l	100
18) Methyl Acetate	4.856	43	127556	20.508	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	228621	19.066	ug/l	99
20) Methylene Chloride	5.103	84	70050	18.560	ug/l	96
21) trans-1,2-Dichloroethene	5.602	96	63092	18.135	ug/l	99
22) Diisopropyl ether	6.495	45	226160	18.839	ug/l	99
23) Vinyl Acetate	6.436	43	847525	93.385	ug/l	100
24) 1,1-Dichloroethane	6.391	63	122645	18.803	ug/l	99
25) 2-Butanone	7.337	43	224914	90.705	ug/l	99
26) 2,2-Dichloropropane	7.327	77	96308	15.493	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	77951	18.535	ug/l	96
28) Bromochloromethane	7.659	49	54238	18.360	ug/l	95
29) Tetrahydrofuran	7.686	42	155287	96.548	ug/l	100
30) Chloroform	7.820	83	130363	18.965	ug/l	100
31) Cyclohexane	8.096	56	121969	17.852	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	121538	18.966	ug/l	98
36) 1,1-Dichloropropene	8.225	75	94184	19.238	ug/l	99
37) Ethyl Acetate	7.412	43	94396	18.669	ug/l	98
38) Carbon Tetrachloride	8.209	117	104653	19.464	ug/l	99
39) Methylcyclohexane	9.461	83	119735	19.002	ug/l	99
40) Benzene	8.461	78	290909	19.514	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	45732	17.943	ug/l	93
42) 1,2-Dichloroethane	8.531	62	100113	18.965	ug/l	98
43) Isopropyl Acetate	8.560	43	214437	24.037	ug/l #	91
44) Trichloroethene	9.217	130	71811	19.247	ug/l	98
45) 1,2-Dichloropropane	9.491	63	74258	19.197	ug/l	99
46) Dibromomethane	9.577	93	49784	18.854	ug/l	95
47) Bromodichloromethane	9.765	83	106877	19.532	ug/l	99
48) Methyl methacrylate	9.561	41	78238	18.665	ug/l	99
49) 1,4-Dioxane	9.569	88	26986	354.180	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	492871	95.280	ug/l	100
52) Toluene	10.507	92	186850	19.482	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	113068	18.242	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	119496	18.530	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	72969	19.297	ug/l	98
56) Ethyl methacrylate	10.762	69	119537	18.828	ug/l	97
57) 1,3-Dichloropropane	11.046	76	121168	19.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	151494	93.786	ug/l	99
59) 2-Hexanone	11.087	43	348971	94.072	ug/l	100
60) Dibromochloromethane	11.240	129	80965	18.969	ug/l	100
61) 1,2-Dibromoethane	11.347	107	73986	19.075	ug/l	98
64) Tetrachloroethene	10.979	164	61757	18.493	ug/l	97
65) Chlorobenzene	11.773	112	191327	19.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	76213	19.849	ug/l	99
67) Ethyl Benzene	11.846	91	357521	19.620	ug/l	98
68) m/p-Xylenes	11.956	106	272383	39.431	ug/l	98
69) o-Xylene	12.283	106	136140	19.689	ug/l	98
70) Styrene	12.296	104	216343	19.221	ug/l	99
71) Bromoform	12.460	173	58999	19.182	ug/l #	98
73) Isopropylbenzene	12.581	105	348288	19.254	ug/l	100
74) N-amyl acetate	12.387	43	129784	18.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	105706	20.220	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	90044m	19.472	ug/l	
77) Bromobenzene	12.862	156	78519	19.629	ug/l	94
78) n-propylbenzene	12.921	91	386158	18.996	ug/l	100
79) 2-Chlorotoluene	13.010	91	235792	18.818	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	289918	19.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	32491	16.810	ug/l	99
82) 4-Chlorotoluene	13.106	91	227110	18.757	ug/l	99
83) tert-Butylbenzene	13.326	119	254293	19.388	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	280422	19.316	ug/l	99
85) sec-Butylbenzene	13.503	105	345488	19.019	ug/l	100
86) p-Isopropyltoluene	13.618	119	279120	19.157	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	135789	19.625	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	132311	19.267	ug/l	99
89) n-Butylbenzene	13.946	91	218018	17.974	ug/l	100
90) Hexachloroethane	14.214	117	57429	18.764	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	133446	19.854	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	19030	18.880	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	57368	17.501	ug/l	98
94) Hexachlorobutadiene	15.373	225	37979	19.844	ug/l	99
95) Naphthalene	15.509	128	143307	16.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	56611	17.994	ug/l	97

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

