

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101221\
 Data File : VN068862.D
 Acq On : 12 Oct 2021 12:15
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
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 10/14/2021 1:30:03 PM

Quant Time: Oct 13 04:58:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 04:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	403784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	708434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	672265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	299846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	581710	89.556	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 179.120%#			
35) Dibromofluoromethane	8.021	113	451422	92.495	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 184.980%#			
50) Toluene-d8	10.443	98	1809774	93.391	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 186.780%#			
62) 4-Bromofluorobenzene	12.733	95	704091	104.685	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 209.380%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	516658	117.143	ug/l	99
3) Chloromethane	2.300	50	514073	75.125	ug/l	100
4) Vinyl Chloride	2.443	62	548284	81.501	ug/l	100
5) Bromomethane	2.821	94	276116	88.907	ug/l	99
6) Chloroethane	2.992	64	313163	81.476	ug/l	99
7) Trichlorofluoromethane	3.362	101	771101	96.755	ug/l	99
8) Diethyl Ether	3.824	74	280946	99.745	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	417455	97.862	ug/l	100
10) Methyl Iodide	4.422	142	601610	112.997	ug/l	99
11) Tert butyl alcohol	5.371	59	510641	520.792	ug/l	99
12) 1,1-Dichloroethene	4.181	96	414582	101.768	ug/l	99
13) Acrolein	4.041	56	217597	619.604	ug/l	99
14) Allyl chloride	4.840	41	791616	95.111	ug/l	99
15) Acrylonitrile	5.554	53	1197629	466.907	ug/l	99
16) Acetone	4.282	43	1038902	407.504	ug/l	99
17) Carbon Disulfide	4.529	76	1186230	98.839	ug/l	100
18) Methyl Acetate	4.851	43	826798	90.533	ug/l	100
19) Methyl tert-butyl Ether	5.613	73	1633946	106.415	ug/l	99
20) Methylene Chloride	5.095	84	487427	89.015	ug/l	98
21) trans-1,2-Dichloroethene	5.597	96	457596	103.182	ug/l	99
22) Diisopropyl ether	6.495	45	1643506	95.930	ug/l	99
23) Vinyl Acetate	6.433	43	6196224	462.584	ug/l	100
24) 1,1-Dichloroethane	6.388	63	867711	96.637	ug/l	99
25) 2-Butanone	7.332	43	1655868	441.308	ug/l	99
26) 2,2-Dichloropropane	7.326	77	817460	104.357	ug/l	100
27) cis-1,2-Dichloroethene	7.326	96	541731	102.989	ug/l	99
28) Bromochloromethane	7.659	49	416991	104.678	ug/l	100
29) Tetrahydrofuran	7.680	42	1080925	454.101	ug/l	99
30) Chloroform	7.817	83	920557	100.493	ug/l	99
31) Cyclohexane	8.096	56	835487	94.983	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	853837	105.728	ug/l	99
36) 1,1-Dichloropropene	8.222	75	668760	94.656	ug/l	100
37) Ethyl Acetate	7.410	43	679590	85.954	ug/l	99
38) Carbon Tetrachloride	8.209	117	733571	99.579	ug/l	99
39) Methylcyclohexane	9.461	83	869396	103.614	ug/l	99
40) Benzene	8.461	78	2025178	97.088	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	359499	85.749	ug/l	99
42) 1,2-Dichloroethane	8.531	62	721464	89.781	ug/l	100
43) Isopropyl Acetate	8.560	43	1221520	89.514	ug/l	100
44) Trichloroethene	9.217	130	515850	101.973	ug/l	100
45) 1,2-Dichloropropane	9.491	63	525516	96.319	ug/l	99
46) Dibromomethane	9.577	93	360943	99.540	ug/l	99
47) Bromodichloromethane	9.762	83	754679	100.020	ug/l	99
48) Methyl methacrylate	9.558	41	575620	93.258	ug/l	99
49) 1,4-Dioxane	9.569	88	201300	2166.853	ug/l	98
51) 4-Methyl-2-Pentanone	10.330	43	3538617	435.747	ug/l	100
52) Toluene	10.507	92	1321673	99.859	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	870580	104.567	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	903059	103.688	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	513129	100.102	ug/l	99
56) Ethyl methacrylate	10.762	69	881360	106.896	ug/l	98
57) 1,3-Dichloropropane	11.046	76	861924	96.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1195577	559.400	ug/l	100
59) 2-Hexanone	11.087	43	2566037	439.561	ug/l	100
60) Dibromochloromethane	11.239	129	589717	105.935	ug/l	99
61) 1,2-Dibromoethane	11.347	107	539883	102.811	ug/l	99
64) Tetrachloroethene	10.979	164	461291	103.225	ug/l	98
65) Chlorobenzene	11.770	112	1393987	98.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	539385	103.856	ug/l	100
67) Ethyl Benzene	11.846	91	2605007	100.850	ug/l	100
68) m/p-Xylenes	11.953	106	1974596	207.592	ug/l	99
69) o-Xylene	12.283	106	990377	105.659	ug/l	100
70) Styrene	12.296	104	1666677	110.417	ug/l	100
71) Bromoform	12.460	173	445762	111.999	ug/l #	98
73) Isopropylbenzene	12.580	105	2606765	97.455	ug/l	100
74) N-amyl acetate	12.387	43	1032412	92.062	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	740353	88.908	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	659426m	90.332	ug/l	
77) Bromobenzene	12.862	156	583361	95.010	ug/l	100
78) n-propylbenzene	12.921	91	2983080	98.210	ug/l	100
79) 2-Chlorotoluene	13.010	91	1815591	98.497	ug/l	100
80) 1,3,5-Trimethylbenzene	13.060	105	2174317	102.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	274354	104.261	ug/l	100
82) 4-Chlorotoluene	13.106	91	1809393	101.017	ug/l	100
83) tert-Butylbenzene	13.326	119	1897911	98.976	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	2132895	103.223	ug/l	100
85) sec-Butylbenzene	13.503	105	2702934	103.358	ug/l	100
86) p-Isopropyltoluene	13.616	119	2177118	104.257	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	1042937	99.840	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	1031492	97.044	ug/l	99
89) n-Butylbenzene	13.943	91	1913728	105.550	ug/l	100
90) Hexachloroethane	14.214	117	451491	107.900	ug/l	99
91) 1,2-Dichlorobenzene	13.988	146	1004537	98.565	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	150843	96.577	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	517545	103.382	ug/l	99
94) Hexachlorobutadiene	15.372	225	282002	102.167	ug/l	100
95) Naphthalene	15.506	128	1419160	102.966	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	490506	100.530	ug/l	99

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

