

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070939.D
 Acq On : 3 Feb 2022 19:07
 Operator : JC/MD
 Sample : VN0203WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01

Quant Time: Feb 04 04:45:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	738257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1230698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1115236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	463817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	522745	52.311	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.620%			
35) Dibromofluoromethane	8.021	113	381423	51.735	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.480%			
50) Toluene-d8	10.440	98	1563490	51.650	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.731	95	550622	50.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	168863	20.615	ug/l	99
3) Chloromethane	2.303	50	159436	15.410	ug/l	98
4) Vinyl Chloride	2.445	62	142012	16.431	ug/l	96
5) Bromomethane	2.850	94	92849	21.003	ug/l	98
6) Chloroethane	3.014	64	88263	22.517	ug/l	96
7) Trichlorofluoromethane	3.373	101	206293	21.373	ug/l	100
8) Diethyl Ether	3.821	74	83209	14.864	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.205	101	149650	20.548	ug/l	96
10) Methyl Iodide	4.417	142	216733	20.168	ug/l	98
11) Tert butyl alcohol	5.388	59	233455	111.178	ug/l	98
12) 1,1-Dichloroethene	4.178	96	154371	20.749	ug/l	97
13) Acrolein	4.039	56	231983	100.348	ug/l	99
14) Allyl chloride	4.835	41	355829	20.995	ug/l #	84
15) Acrylonitrile	5.557	53	650466	110.926	ug/l	99
16) Acetone	4.291	43	555112	92.901	ug/l	97
17) Carbon Disulfide	4.524	76	447222	19.355	ug/l	99
18) Methyl Acetate	4.857	43	303611	22.025	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	609993	21.474	ug/l	95
20) Methylene Chloride	5.093	84	184305	20.311	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	164488	20.736	ug/l	88
22) Diisopropyl ether	6.501	45	717475	21.855	ug/l	92
23) Vinyl Acetate	6.436	43	3141221	108.177	ug/l	95
24) 1,1-Dichloroethane	6.388	63	347196	21.004	ug/l	98
25) 2-Butanone	7.340	43	925582	107.312	ug/l	93
26) 2,2-Dichloropropane	7.324	77	243346	18.745	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	193440	20.647	ug/l	88
28) Bromochloromethane	7.657	49	153732	21.313	ug/l #	78
29) Tetrahydrofuran	7.689	42	646405	115.379	ug/l	88
30) Chloroform	7.817	83	327350	20.817	ug/l	99
31) Cyclohexane	8.094	56	352127	20.739	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	275206	20.733	ug/l	98
36) 1,1-Dichloropropene	8.222	75	245938	20.534	ug/l	96
37) Ethyl Acetate	7.415	43	367445	22.259	ug/l	97
38) Carbon Tetrachloride	8.206	117	223844	20.465	ug/l	99
39) Methylcyclohexane	9.459	83	299502	20.341	ug/l	89
40) Benzene	8.461	78	771352	20.499	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	190171	22.929	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	269459	21.035	ug/l	100
43) Isopropyl Acetate	8.563	43	559662	20.168	ug/l	94
44) Trichloroethene	9.217	130	174003	19.984	ug/l	87
45) 1,2-Dichloropropane	9.491	63	211009	20.941	ug/l	99
46) Dibromomethane	9.577	93	126260	20.917	ug/l	96
47) Bromodichloromethane	9.762	83	250531	20.605	ug/l	98
48) Methyl methacrylate	9.561	41	249242	20.832	ug/l #	86
49) 1,4-Dioxane	9.571	88	92394	460.984	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	1834000	112.282	ug/l	98
52) Toluene	10.505	92	470060	20.161	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	271233	19.767	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	301070	20.174	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	184088	20.790	ug/l	97
56) Ethyl methacrylate	10.762	69	322917	20.938	ug/l	89
57) 1,3-Dichloropropane	11.044	76	326391	21.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	410747	110.277	ug/l	91
59) 2-Hexanone	11.084	43	1337759	112.176	ug/l	97
60) Dibromochloromethane	11.237	129	175702	20.007	ug/l	99
61) 1,2-Dibromoethane	11.347	107	185919	20.416	ug/l	100
64) Tetrachloroethene	10.977	164	152428	20.882	ug/l	96
65) Chlorobenzene	11.771	112	477525	20.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	168336	20.663	ug/l	99
67) Ethyl Benzene	11.846	91	886368	20.831	ug/l	96
68) m/p-Xylenes	11.953	106	654842	41.536	ug/l	93
69) o-Xylene	12.280	106	324840	20.587	ug/l	93
70) Styrene	12.294	104	527930	21.229	ug/l	96
71) Bromoform	12.457	173	132550	19.706	ug/l #	99
73) Isopropylbenzene	12.578	105	840681	20.774	ug/l	98
74) N-amyl acetate	12.388	43	388361	21.428	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	296829	21.176	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	230368m	20.635	ug/l	
77) Bromobenzene	12.862	156	195115	20.112	ug/l	76
78) n-propylbenzene	12.921	91	950007	20.585	ug/l	96
79) 2-Chlorotoluene	13.007	91	589285	20.535	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	684454	20.865	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	82689	20.077	ug/l	96
82) 4-Chlorotoluene	13.106	91	568283	20.547	ug/l	92
83) tert-Butylbenzene	13.324	119	586576	20.503	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	673102	20.982	ug/l	97
85) sec-Butylbenzene	13.501	105	825075	20.613	ug/l	97
86) p-Isopropyltoluene	13.616	119	658173	20.852	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	334221	20.711	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	322578	19.984	ug/l	96
89) n-Butylbenzene	13.943	91	554541	19.936	ug/l	97
90) Hexachloroethane	14.211	117	110145	19.690	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	322828	20.853	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56451	22.225	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	172766	20.167	ug/l	98
94) Hexachlorobutadiene	15.370	225	103542	20.026	ug/l	99
95) Naphthalene	15.504	128	522176	23.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	174141	22.289	ug/l	98

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

