

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070693.D
 Acq On : 19 Jan 2022 12:19
 Operator : JC/MD
 Sample : VN0119WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

Quant Time: Jan 20 03:35:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	770749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1245317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1138099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	464683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	577595	52.290	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.580%			
35) Dibromofluoromethane	8.019	113	412680	53.423	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.840%			
50) Toluene-d8	10.440	98	1727391	53.081	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.728	95	609908	52.595	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	172811	19.403	ug/l	98
3) Chloromethane	2.306	50	236380	18.157	ug/l	97
4) Vinyl Chloride	2.451	62	240987	19.463	ug/l	99
5) Bromomethane	2.867	94	144341	22.382	ug/l	96
6) Chloroethane	3.027	64	148960	19.278	ug/l	98
7) Trichlorofluoromethane	3.384	101	288873	20.422	ug/l	97
8) Diethyl Ether	3.827	74	114441	18.521	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.216	101	160321	18.753	ug/l	96
10) Methyl Iodide	4.425	142	208610	18.923	ug/l	100
11) Tert butyl alcohol	5.371	59	170719	85.666	ug/l	99
12) 1,1-Dichloroethene	4.186	96	153193	17.966	ug/l	92
13) Acrolein	4.041	56	275901	96.532	ug/l	100
14) Allyl chloride	4.843	41	357560	19.246	ug/l	85
15) Acrylonitrile	5.554	53	581642	91.746	ug/l	99
16) Acetone	4.288	43	670715	87.483	ug/l	99
17) Carbon Disulfide	4.532	76	434304	18.754	ug/l	100
18) Methyl Acetate	4.857	43	265774	17.627	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	596865	19.595	ug/l	95
20) Methylene Chloride	5.101	84	189508	18.765	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	167974	19.574	ug/l	89
22) Diisopropyl ether	6.495	45	736345	19.996	ug/l	93
23) Vinyl Acetate	6.434	43	3050375	97.721	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	360341	19.563	ug/l	97
25) 2-Butanone	7.332	43	868424	90.016	ug/l	90
26) 2,2-Dichloropropane	7.324	77	274897	19.465	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	193614	18.992	ug/l	84
28) Bromochloromethane	7.657	49	147610	17.849	ug/l #	75
29) Tetrahydrofuran	7.686	42	547620	92.704	ug/l #	87
30) Chloroform	7.817	83	346297	18.938	ug/l	99
31) Cyclohexane	8.094	56	374724	19.265	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	283322	19.816	ug/l	98
36) 1,1-Dichloropropene	8.222	75	264587	20.346	ug/l	95
37) Ethyl Acetate	7.410	43	331491	19.200	ug/l	96
38) Carbon Tetrachloride	8.206	117	235914	20.392	ug/l	99
39) Methylcyclohexane	9.459	83	323455	20.147	ug/l	88
40) Benzene	8.458	78	799662	19.845	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	161290	18.363	ug/l	88
42) 1,2-Dichloroethane	8.528	62	280475	20.074	ug/l	100
43) Isopropyl Acetate	8.558	43	501344	19.012	ug/l #	95
44) Trichloroethene	9.215	130	180137	19.720	ug/l	91
45) 1,2-Dichloropropane	9.488	63	218551	19.935	ug/l	99
46) Dibromomethane	9.577	93	125733	19.724	ug/l	94
47) Bromodichloromethane	9.759	83	254765	19.551	ug/l	97
48) Methyl methacrylate	9.558	41	246115	19.591	ug/l #	77
49) 1,4-Dioxane	9.566	88	68809	364.636	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	1593405	94.694	ug/l	98
52) Toluene	10.505	92	486126	20.168	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	276652	19.069	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	308341	19.731	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	185203	19.559	ug/l	97
56) Ethyl methacrylate	10.760	69	303040	18.355	ug/l	90
57) 1,3-Dichloropropane	11.041	76	332836	19.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	300119	81.350	ug/l #	89
59) 2-Hexanone	11.084	43	1132346	92.633	ug/l	97
60) Dibromochloromethane	11.234	129	176601	19.995	ug/l	100
61) 1,2-Dibromoethane	11.344	107	183969	19.351	ug/l	99
64) Tetrachloroethene	10.977	164	167873	20.118	ug/l	96
65) Chlorobenzene	11.768	112	487496	19.770	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	172412	20.305	ug/l	98
67) Ethyl Benzene	11.843	91	924213	20.216	ug/l	96
68) m/p-Xylenes	11.950	106	678533	40.799	ug/l	91
69) o-Xylene	12.278	106	332112	20.122	ug/l	90
70) Styrene	12.291	104	533133	20.192	ug/l	96
71) Bromoform	12.455	173	124845	19.464	ug/l #	100
73) Isopropylbenzene	12.575	105	874946	19.903	ug/l	97
74) N-amyl acetate	12.388	43	322256	17.929	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	290315	19.554	ug/l	96
76) 1,2,3-Trichloropropane	12.878	75	242802m	19.701	ug/l	
77) Bromobenzene	12.860	156	192907	19.572	ug/l	75
78) n-propylbenzene	12.919	91	989567	20.128	ug/l	96
79) 2-Chlorotoluene	13.004	91	620440	19.950	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	726887	20.447	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	73270	17.711	ug/l	97
82) 4-Chlorotoluene	13.104	91	585019	20.133	ug/l	91
83) tert-Butylbenzene	13.321	119	609964	19.710	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	699171	20.460	ug/l	96
85) sec-Butylbenzene	13.501	105	853361	20.284	ug/l	97
86) p-Isopropyltoluene	13.613	119	674915	20.421	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	329403	20.090	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	315619	19.343	ug/l	96
89) n-Butylbenzene	13.940	91	521620	19.132	ug/l	97
90) Hexachloroethane	14.209	117	110066	19.052	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	316252	19.522	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	45514	18.072	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	137262	18.318	ug/l	97
94) Hexachlorobutadiene	15.367	225	98167	20.461	ug/l	99
95) Naphthalene	15.504	128	309386	16.518	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	128226	17.836	ug/l	99

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

