

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074850.D
 Acq On : 11 Oct 2022 16:28
 Operator : JC\MD
 Sample : VN1011WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Quant Time: Oct 12 03:53:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	279172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	491533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	547244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	317293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	343203	51.885	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.760%	
35) Dibromofluoromethane	8.171	113	274684	55.310	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.620%	
50) Toluene-d8	10.571	98	1110384	52.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	12.853	95	328728	50.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.500%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	110541	19.308	ug/l	89
3) Chloromethane	2.383	50	146490	17.205	ug/l	98
4) Vinyl Chloride	2.530	62	204106	19.361	ug/l #	87
5) Bromomethane	2.954	94	156184	21.010	ug/l	95
6) Chloroethane	3.130	64	186302	23.885	ug/l	91
7) Trichlorofluoromethane	3.506	101	162703	19.583	ug/l	96
8) Diethyl Ether	3.983	74	72647	16.761	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	97500	19.156	ug/l	96
10) Methyl Iodide	4.612	142	107816	17.517	ug/l	93
11) Tert butyl alcohol	5.553	59	176746	79.780	ug/l	98
12) 1,1-Dichloroethene	4.359	96	93135	17.190	ug/l	96
13) Acrolein	4.206	56	35068	51.248	ug/l	84
14) Allyl chloride	5.042	41	165196	14.835	ug/l #	83
15) Acrylonitrile	5.747	53	414130	85.705	ug/l	97
16) Acetone	4.453	43	349121	93.134	ug/l	95
17) Carbon Disulfide	4.730	76	237488	16.040	ug/l	96
18) Methyl Acetate	5.053	43	256014	18.447	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	386677	18.344	ug/l	97
20) Methylene Chloride	5.306	84	123669	19.376	ug/l #	90
21) trans-1,2-Dichloroethene	5.812	96	98969	17.076	ug/l #	73
22) Diisopropyl ether	6.694	45	417943	17.671	ug/l	98
23) Vinyl Acetate	6.624	43	1619277	83.350	ug/l	96
24) 1,1-Dichloroethane	6.589	63	223702	18.346	ug/l	95
25) 2-Butanone	7.500	43	595319	87.506	ug/l	100
26) 2,2-Dichloropropane	7.500	77	185961	18.490	ug/l	95
27) cis-1,2-Dichloroethene	7.500	96	131897	19.117	ug/l	95
28) Bromochloromethane	7.824	49	112144	20.383	ug/l	99
29) Tetrahydrofuran	7.853	42	401309	84.638	ug/l	99
30) Chloroform	7.971	83	216133	19.352	ug/l	99
31) Cyclohexane	8.265	56	199479	17.448	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	185277	19.462	ug/l	99
36) 1,1-Dichloropropene	8.383	75	158129	19.672	ug/l	98
37) Ethyl Acetate	7.500	43	595319	18.464	ug/l #	49
38) Carbon Tetrachloride	8.365	117	151218	19.948	ug/l #	94
39) Methylcyclohexane	9.606	83	196330	18.854	ug/l #	94
40) Benzene	8.618	78	509929	19.596	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	121058	19.059	ug/l	98
42) 1,2-Dichloroethane	8.683	62	169479	20.748	ug/l	94
43) Isopropyl Acetate	8.694	43	366928	18.415	ug/l	99
44) Trichloroethene	9.359	130	110985	20.478	ug/l	91
45) 1,2-Dichloropropane	9.630	63	139954	19.863	ug/l	93
46) Dibromomethane	9.712	93	84269	20.381	ug/l	88
47) Bromodichloromethane	9.888	83	173536	20.543	ug/l	95
48) Methyl methacrylate	9.612	41	168325	20.577	ug/l #	16
49) 1,4-Dioxane	9.700	88	63351	357.318	ug/l #	81
51) 4-Methyl-2-Pentanone	10.453	43	1209860	94.293	ug/l	97
52) Toluene	10.635	92	303165	19.393	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	189504	18.828	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	205711	18.931	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	124307	19.776	ug/l	96
56) Ethyl methacrylate	10.877	69	211145	18.444	ug/l	96
57) 1,3-Dichloropropane	11.171	76	225646	19.918	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	376779	91.247	ug/l	99
59) 2-Hexanone	11.200	43	910839	93.851	ug/l	97
60) Dibromochloromethane	11.365	129	119442	19.289	ug/l	99
61) 1,2-Dibromoethane	11.476	107	124511	19.480	ug/l	98
64) Tetrachloroethene	11.100	164	87602	19.719	ug/l	87
65) Chlorobenzene	11.894	112	313165	18.680	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	116356	19.008	ug/l	99
67) Ethyl Benzene	11.965	91	599790	19.194	ug/l	98
68) m/p-Xylenes	12.076	106	447811	38.175	ug/l	96
69) o-Xylene	12.406	106	224342	18.641	ug/l	99
70) Styrene	12.418	104	361141	19.035	ug/l	98
71) Bromoform	12.576	173	83161	17.809	ug/l #	99
73) Isopropylbenzene	12.700	105	571703	18.724	ug/l	98
74) N-amyl acetate	12.500	43	307669	16.666	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	209774	19.212	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	161753m	17.080	ug/l	
77) Bromobenzene	12.982	156	119775	20.367	ug/l	95
78) n-propylbenzene	13.041	91	687660	19.549	ug/l	99
79) 2-Chlorotoluene	13.129	91	397794	18.649	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	467840	19.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	71500	14.710	ug/l	90
82) 4-Chlorotoluene	13.223	91	356281	18.022	ug/l	95
83) tert-Butylbenzene	13.441	119	404960	19.245	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	473073	19.213	ug/l	99
85) sec-Butylbenzene	13.618	105	589331	19.272	ug/l	99
86) p-Isopropyltoluene	13.735	119	468676	19.861	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	214937	17.750	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	227957	19.930	ug/l	96
89) n-Butylbenzene	14.059	91	408172	19.624	ug/l	94
90) Hexachloroethane	14.335	117	93018	17.630	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	223085	19.130	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42401	16.754	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	105914	20.764	ug/l	97
94) Hexachlorobutadiene	15.506	225	49279	20.652	ug/l	91
95) Naphthalene	15.641	128	411485	18.659	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	103822	20.043	ug/l	97

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

