

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082222\
 Data File : VN074046.D
 Acq On : 22 Aug 2022 15:29
 Operator : JC\MD
 Sample : VN0822WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01

Quant Time: Aug 22 15:53:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	241818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	391004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	352155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	185444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	228283	96.923	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 193.840%#	
35) Dibromofluoromethane	7.951	113	201735	87.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 174.480%#	
50) Toluene-d8	10.381	98	749157	83.653	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 167.300%#	
62) 4-Bromofluorobenzene	12.669	95	263878	88.782	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 177.560%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.052	85	67430	35.167	ug/l	95
3) Chloromethane	2.269	50	87411	40.995	ug/l	99
4) Vinyl Chloride	2.405	62	97109	35.477	ug/l	100
5) Bromomethane	2.822	94	52445	30.682	ug/l	98
6) Chloroethane	2.981	64	62035	32.080	ug/l	98
7) Trichlorofluoromethane	3.322	101	125851	35.641	ug/l	100
8) Diethyl Ether	3.769	74	43815	33.427	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	64232	31.314	ug/l	95
10) Methyl Iodide	4.346	142	54050	21.948	ug/l	99
11) Tert butyl alcohol	5.293	59	80534	152.861	ug/l	100
12) 1,1-Dichloroethene	4.110	96	63859	33.460	ug/l	95
13) Acrolein	3.987	56	54542	147.903	ug/l	97
14) Allyl chloride	4.763	41	102833	36.381	ug/l	97
15) Acrylonitrile	5.475	53	247904	192.735	ug/l	98
16) Acetone	4.222	43	197763	177.972	ug/l	95
17) Carbon Disulfide	4.457	76	182756	40.273	ug/l	100
18) Methyl Acetate	4.781	43	108234	38.381	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	215712	31.383	ug/l	96
20) Methylene Chloride	5.010	84	81749	34.864	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	72425	34.445	ug/l	94
22) Diisopropyl ether	6.416	45	216699	36.159	ug/l	97
23) Vinyl Acetate	6.351	43	905239	176.265	ug/l	100
24) 1,1-Dichloroethane	6.310	63	129413	34.692	ug/l	97
25) 2-Butanone	7.257	43	322891	183.261	ug/l	96
26) 2,2-Dichloropropane	7.251	77	97721	27.883	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	86839	33.474	ug/l	94
28) Bromochloromethane	7.587	49	55605	40.415	ug/l	96
29) Tetrahydrofuran	7.610	42	219063	193.820	ug/l	100
30) Chloroform	7.745	83	136143	32.638	ug/l	96
31) Cyclohexane	8.022	56	114069	34.742	ug/l	97
32) 1,1,1-Trichloroethane	7.940	97	116673	31.541	ug/l	99
36) 1,1-Dichloropropene	8.151	75	97784	30.445	ug/l	99
37) Ethyl Acetate	7.334	43	130435	33.522	ug/l	97
38) Carbon Tetrachloride	8.134	117	103949	28.315	ug/l	93
39) Methylcyclohexane	9.398	83	118743	29.506	ug/l	98
40) Benzene	8.392	78	312938	30.871	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	56272	32.001	ug/l	95
42) 1,2-Dichloroethane	8.463	62	104137	29.877	ug/l	99
43) Isopropyl Acetate	8.492	43	167784	30.269	ug/l	99
44) Trichloroethene	9.151	130	82945	28.330	ug/l	100
45) 1,2-Dichloropropane	9.428	63	75987	31.274	ug/l	97
46) Dibromomethane	9.510	93	56555	30.616	ug/l	97
47) Bromodichloromethane	9.698	83	108583	30.754	ug/l	95
48) Methyl methacrylate	9.498	41	72346	30.502	ug/l	91
49) 1,4-Dioxane	9.504	88	33542	475.550	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	611610	163.196	ug/l	100
52) Toluene	10.445	92	197794	28.455	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	107080	28.902	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	122432	30.203	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	80395	29.733	ug/l	95
56) Ethyl methacrylate	10.704	69	114365	29.655	ug/l	96
57) 1,3-Dichloropropane	10.986	76	135045	30.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	326777	181.555	ug/l	100
59) 2-Hexanone	11.028	43	471671	163.532	ug/l	100
60) Dibromochloromethane	11.180	129	87820	29.370	ug/l	99
61) 1,2-Dibromoethane	11.286	107	83375	28.829	ug/l	98
64) Tetrachloroethene	10.916	164	73308	26.375	ug/l	96
65) Chlorobenzene	11.710	112	212406	28.381	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	79539	28.065	ug/l	99
67) Ethyl Benzene	11.786	91	356148	28.614	ug/l	98
68) m/p-Xylenes	11.892	106	286784	56.709	ug/l	100
69) o-Xylene	12.222	106	137238	27.062	ug/l	99
70) Styrene	12.233	104	233214	29.374	ug/l	98
71) Bromoform	12.398	173	69441	27.444	ug/l #	99
73) Isopropylbenzene	12.522	105	351212	26.009	ug/l	100
74) N-amyl acetate	12.327	43	131652	25.790	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	127218	28.075	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	90391m	23.451	ug/l	
77) Bromobenzene	12.798	156	94428	25.835	ug/l	95
78) n-propylbenzene	12.863	91	412182	28.636	ug/l	100
79) 2-Chlorotoluene	12.951	91	246565	27.488	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	291804	26.567	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	37535	27.697	ug/l	99
82) 4-Chlorotoluene	13.045	91	249669	29.305	ug/l	99
83) tert-Butylbenzene	13.263	119	254466	25.177	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	296822	27.062	ug/l	100
85) sec-Butylbenzene	13.439	105	363201	27.722	ug/l	97
86) p-Isopropyltoluene	13.557	119	309363	27.717	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	173015	27.295	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	175173	27.269	ug/l	98
89) n-Butylbenzene	13.880	91	258483	29.238	ug/l	99
90) Hexachloroethane	14.151	117	56651	27.768	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	173743	26.544	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	29771	27.825	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	111568	28.005	ug/l	99
94) Hexachlorobutadiene	15.304	225	57775	27.512	ug/l	94
95) Naphthalene	15.433	128	343089	26.416	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	112100	27.224	ug/l	98

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

