

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101422\
 Data File : VN074907.D
 Acq On : 14 Oct 2022 13:31
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101422

Quant Time: Oct 17 01:56:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101422W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 01:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	318747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	627035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	410158	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	376469	48.776	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.560%
35) Dibromofluoromethane	8.177	113	300521	49.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.000%
50) Toluene-d8	10.570	98	1283836	51.260	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.853	95	387043	46.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	281448	46.025	ug/l	95
3) Chloromethane	2.383	50	371234	49.874	ug/l	96
4) Vinyl Chloride	2.536	62	535703	40.144	ug/l	96
5) Bromomethane	2.947	94	413113	40.119	ug/l	99
6) Chloroethane	3.124	64	428004	40.526	ug/l	92
7) Trichlorofluoromethane	3.506	101	423711	45.656	ug/l	97
8) Diethyl Ether	3.983	74	184389	43.239	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	270040	46.026	ug/l	98
10) Methyl Iodide	4.606	142	309844	47.701	ug/l	99
11) Tert butyl alcohol	5.553	59	392893	206.853	ug/l	99
12) 1,1-Dichloroethene	4.359	96	242461	44.151	ug/l	94
13) Acrolein	4.200	56	467146	232.437	ug/l	97
14) Allyl chloride	5.047	41	525000m	48.427	ug/l	
15) Acrylonitrile	5.736	53	1059523	227.920	ug/l	99
16) Acetone	4.453	43	984686	247.526	ug/l	99
17) Carbon Disulfide	4.730	76	620201	44.510	ug/l	99
18) Methyl Acetate	5.047	43	630755	44.282	ug/l	98
19) Methyl tert-butyl Ether	5.824	73	1030021	47.505	ug/l	98
20) Methylene Chloride	5.300	84	308432	46.452	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	266892	43.911	ug/l	85
22) Diisopropyl ether	6.688	45	1149445	46.328	ug/l	98
23) Vinyl Acetate	6.624	43	4376398	240.379	ug/l	99
24) 1,1-Dichloroethane	6.588	63	583004	43.660	ug/l	99
25) 2-Butanone	7.500	43	1539654	235.044	ug/l	98
26) 2,2-Dichloropropane	7.506	77	506011	47.251	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	338949	44.893	ug/l	99
28) Bromochloromethane	7.824	49	287118	51.198	ug/l	98
29) Tetrahydrofuran	7.853	42	1000198	232.582	ug/l	99
30) Chloroform	7.977	83	588054	47.575	ug/l	89
31) Cyclohexane	8.265	56	515856	45.008	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	493489	47.016	ug/l	98
36) 1,1-Dichloropropene	8.382	75	441021	49.556	ug/l	98
37) Ethyl Acetate	7.577	43	615088	45.638	ug/l	100
38) Carbon Tetrachloride	8.371	117	410115	48.751	ug/l	94
39) Methylcyclohexane	9.606	83	541509	50.462	ug/l	96
40) Benzene	8.618	78	1361518	46.515	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	305512	46.974	ug/l	100
42) 1,2-Dichloroethane	8.682	62	448809	46.937	ug/l	99
43) Isopropyl Acetate	8.694	43	961110	47.262	ug/l	100
44) Trichloroethene	9.359	130	292784	47.797	ug/l	96
45) 1,2-Dichloropropane	9.629	63	356145	45.201	ug/l	91
46) Dibromomethane	9.712	93	230199	45.628	ug/l	97
47) Bromodichloromethane	9.894	83	468048	48.350	ug/l	98
48) Methyl methacrylate	9.612	41	465735	49.178	ug/l #	99
49) 1,4-Dioxane	9.706	88	138582	803.149	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	3177117	242.971	ug/l	99
52) Toluene	10.635	92	862136	49.173	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	540745	51.113	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	575457	51.018	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	338670	48.091	ug/l	96
56) Ethyl methacrylate	10.876	69	582019	51.634	ug/l	98
57) 1,3-Dichloropropane	11.165	76	602566	47.179	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	976908	243.452	ug/l	100
59) 2-Hexanone	11.200	43	2388513	250.194	ug/l	100
60) Dibromochloromethane	11.365	129	335962	47.607	ug/l	96
61) 1,2-Dibromoethane	11.476	107	339499	48.744	ug/l	98
64) Tetrachloroethene	11.106	164	229709	50.129	ug/l	95
65) Chlorobenzene	11.894	112	863378	47.710	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	316740	46.682	ug/l	97
67) Ethyl Benzene	11.965	91	1689585	50.924	ug/l	96
68) m/p-Xylenes	12.076	106	1285134	104.024	ug/l	98
69) o-Xylene	12.400	106	626509	49.646	ug/l	96
70) Styrene	12.412	104	1051869	52.554	ug/l	100
71) Bromoform	12.582	173	239576	50.982	ug/l #	96
73) Isopropylbenzene	12.700	105	1661513	45.540	ug/l	100
74) N-amyl acetate	12.494	43	876678	44.263	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	587100	40.626	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	507693m	42.046	ug/l	
77) Bromobenzene	12.982	156	346770	42.912	ug/l	99
78) n-propylbenzene	13.041	91	1994514	47.887	ug/l	99
79) 2-Chlorotoluene	13.129	91	1110527	44.594	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1397212	47.111	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	199407	46.220	ug/l	99
82) 4-Chlorotoluene	13.223	91	1096776	47.093	ug/l	100
83) tert-Butylbenzene	13.441	119	1253739	48.920	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	1407765	48.313	ug/l	100
85) sec-Butylbenzene	13.617	105	1824301	49.365	ug/l	98
86) p-Isopropyltoluene	13.735	119	1432534	48.779	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	710950	46.897	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	680523	45.495	ug/l	99
89) n-Butylbenzene	14.059	91	1290276	51.560	ug/l	99
90) Hexachloroethane	14.335	117	266768	47.433	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	684532	43.530	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	111753	41.687	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	347858	48.905	ug/l	98
94) Hexachlorobutadiene	15.505	225	158466	46.391	ug/l	96
95) Naphthalene	15.641	128	1313090	51.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	330241	49.015	ug/l	97

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

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