

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074937.D
 Acq On : 19 Oct 2022 18:08
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101922

Quant Time: Oct 20 06:20:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:14:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	267072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	452899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	481578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	293866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	296914	46.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.680%		
35) Dibromofluoromethane	8.177	113	234316	47.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.340%		
50) Toluene-d8	10.571	98	995194	49.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.780%		
62) 4-Bromofluorobenzene	12.853	95	294490	53.500	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	197424	42.957	ug/l	96
3) Chloromethane	2.383	50	265620	46.560	ug/l	96
4) Vinyl Chloride	2.536	62	468001	42.965	ug/l	97
5) Bromomethane	2.930	94	543568	49.209	ug/l	97
6) Chloroethane	3.106	64	398166	48.140	ug/l	99
7) Trichlorofluoromethane	3.500	101	311171	43.360	ug/l	97
8) Diethyl Ether	3.983	74	142125	44.197	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	194058	44.410	ug/l	100
10) Methyl Iodide	4.600	142	274792	45.163	ug/l	98
11) Tert butyl alcohol	5.553	59	338935	226.866	ug/l	99
12) 1,1-Dichloroethene	4.353	96	177679	47.088	ug/l	94
13) Acrolein	4.200	56	225491	233.494	ug/l	97
14) Allyl chloride	5.042	41	357771	44.622	ug/l	99
15) Acrylonitrile	5.741	53	840937	234.012	ug/l	99
16) Acetone	4.453	43	664505	218.514	ug/l	93
17) Carbon Disulfide	4.718	76	410458	43.093	ug/l	97
18) Methyl Acetate	5.047	43	482060	43.887	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	777481	47.712	ug/l	98
20) Methylene Chloride	5.294	84	238032	47.758	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	203422	43.762	ug/l	92
22) Diisopropyl ether	6.694	45	840058	49.028	ug/l #	99
23) Vinyl Acetate	6.624	43	3475811m	256.752	ug/l	
24) 1,1-Dichloroethane	6.588	63	442282	45.144	ug/l	97
25) 2-Butanone	7.494	43	1196569	237.637	ug/l	95
26) 2,2-Dichloropropane	7.500	77	365532	48.049	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	268083	45.208	ug/l	97
28) Bromochloromethane	7.824	49	231652	52.062	ug/l	96
29) Tetrahydrofuran	7.853	42	791726	233.102	ug/l	99
30) Chloroform	7.977	83	451615	45.290	ug/l	99
31) Cyclohexane	8.265	56	363921	44.805	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	375112	45.165	ug/l	99
36) 1,1-Dichloropropene	8.377	75	316726	46.159	ug/l	98
37) Ethyl Acetate	7.577	43	459143	48.095	ug/l	99
38) Carbon Tetrachloride	8.371	117	309790	46.100	ug/l	98
39) Methylcyclohexane	9.606	83	380590	48.805	ug/l	97
40) Benzene	8.612	78	1011467	45.664	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	235435	46.954	ug/l	97
42) 1,2-Dichloroethane	8.677	62	336465	46.348	ug/l	99
43) Isopropyl Acetate	8.694	43	743063	48.463	ug/l	100
44) Trichloroethene	9.359	130	226091	45.420	ug/l	87
45) 1,2-Dichloropropane	9.624	63	270876	44.933	ug/l	94
46) Dibromomethane	9.712	93	183376	48.475	ug/l	93
47) Bromodichloromethane	9.894	83	350505	46.459	ug/l	96
48) Methyl methacrylate	9.682	41	321054	46.894	ug/l	98
49) 1,4-Dioxane	9.700	88	136177	929.226	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	2504425	251.173	ug/l	100
52) Toluene	10.635	92	649117	48.043	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	407172	51.863	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	425887	50.190	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	270394	48.293	ug/l	97
56) Ethyl methacrylate	10.876	69	445990	49.690	ug/l	97
57) 1,3-Dichloropropane	11.165	76	469293	47.189	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	961004	260.249	ug/l	99
59) 2-Hexanone	11.200	43	1846026	252.610	ug/l	100
60) Dibromochloromethane	11.365	129	275834	51.331	ug/l	96
61) 1,2-Dibromoethane	11.470	107	264859	49.267	ug/l	96
64) Tetrachloroethene	11.106	164	183413	45.123	ug/l	95
65) Chlorobenzene	11.894	112	686673	49.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	262133	52.005	ug/l	95
67) Ethyl Benzene	11.965	91	1268935	52.524	ug/l	98
68) m/p-Xylenes	12.076	106	980620	107.386	ug/l	99
69) o-Xylene	12.400	106	502437	52.823	ug/l	97
70) Styrene	12.412	104	817690	55.565	ug/l	99
71) Bromoform	12.582	173	200488	55.696	ug/l #	99
73) Isopropylbenzene	12.700	105	1292267	48.065	ug/l	99
74) N-amyl acetate	12.494	43	668871	48.687	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	447814	42.779	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	385220m	51.028	ug/l	
77) Bromobenzene	12.982	156	285615	47.667	ug/l	97
78) n-propylbenzene	13.041	91	1497523	49.531	ug/l	100
79) 2-Chlorotoluene	13.129	91	823553	48.558	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1048933	50.484	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	151172m	52.689	ug/l	
82) 4-Chlorotoluene	13.129	91	823553	48.558	ug/l	100
83) tert-Butylbenzene	13.441	119	947706	48.793	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1050482	52.974	ug/l	99
85) sec-Butylbenzene	13.617	105	1371199	51.958	ug/l	98
86) p-Isopropyltoluene	13.729	119	1109716	55.851	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	514167	52.395	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	490875	50.170	ug/l	99
89) n-Butylbenzene	14.059	91	908739	55.638	ug/l	98
90) Hexachloroethane	14.335	117	211176	50.727	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	487204	49.862	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	73639	46.331	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	243955	50.149	ug/l	98
94) Hexachlorobutadiene	15.506	225	108867	51.834	ug/l	96
95) Naphthalene	15.641	128	931624	51.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	244921	48.719	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

