

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074945.D
 Acq On : 20 Oct 2022 16:28
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 21 03:07:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	532397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	942515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1083193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	844928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	1880725	147.036	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 294.080%#			
35) Dibromofluoromethane	8.171	113	1621951	157.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 314.920%#			
50) Toluene-d8	10.571	98	6563346	159.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 318.000%#			
62) 4-Bromofluorobenzene	12.853	95	2523410	212.633	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 425.260%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	1073711	120.612	ug/l	94
3) Chloromethane	2.371	50	1026903	79.123	ug/l	98
4) Vinyl Chloride	2.524	62	1669522	81.508	ug/l	94
5) Bromomethane	2.912	94	1055371	53.073	ug/l	99
6) Chloroethane	3.077	64	1236069	66.272	ug/l	99
7) Trichlorofluoromethane	3.471	101	1995132	140.118	ug/l	99
8) Diethyl Ether	3.965	74	819760	129.829	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	1188122	137.148	ug/l	99
10) Methyl Iodide	4.589	142	1734947	144.226	ug/l	99
11) Tert butyl alcohol	5.553	59	1920209	642.916	ug/l	100
12) 1,1-Dichloroethene	4.336	96	1106846	131.655	ug/l	91
13) Acrolein	4.189	56	1098843	560.500	ug/l	96
14) Allyl chloride	5.030	41	1721959	112.000	ug/l	97
15) Acrylonitrile	5.730	53	4095813	591.089	ug/l	99
16) Acetone	4.442	43	3173572	534.416	ug/l	97
17) Carbon Disulfide	4.706	76	2275053	123.502	ug/l	98
18) Methyl Acetate	5.030	43	2249951	106.897	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	4863833	149.373	ug/l	97
20) Methylene Chloride	5.283	84	1394662	116.162	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	1257368	136.827	ug/l	91
22) Diisopropyl ether	6.683	45	4061843	123.692	ug/l	98
23) Vinyl Acetate	6.612	43	16603864m	629.450	ug/l	
24) 1,1-Dichloroethane	6.577	63	2475921	128.881	ug/l	98
25) 2-Butanone	7.494	43	5330783	551.819	ug/l	96
26) 2,2-Dichloropropane	7.494	77	2385514	156.334	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	1658057	141.916	ug/l	96
28) Bromochloromethane	7.818	49	1113823	129.211	ug/l	88
29) Tetrahydrofuran	7.847	42	3460891	533.206	ug/l	96
30) Chloroform	7.971	83	2786702	140.737	ug/l	92
31) Cyclohexane	8.259	56	1797267	114.277	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	2544007	151.622	ug/l	97
36) 1,1-Dichloropropene	8.371	75	1836849	130.641	ug/l	99
37) Ethyl Acetate	7.571	43	2058283	109.070	ug/l	99
38) Carbon Tetrachloride	8.365	117	2171309	155.225	ug/l	95
39) Methylcyclohexane	9.600	83	2269870	141.898	ug/l	98
40) Benzene	8.612	78	5717378	126.856	ug/l	99

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41) Methacrylonitrile	7.788	41	1097167	110.606	ug/l	97
42) 1,2-Dichloroethane	8.677	62	2066952	136.982	ug/l	97
43) Isopropyl Acetate	8.694	43	3353483	109.883	ug/l	99
44) Trichloroethene	9.353	130	1428268	140.291	ug/l	96
45) 1,2-Dichloropropane	9.624	63	1465778	120.148	ug/l	98
46) Dibromomethane	9.712	93	1130732	144.355	ug/l	99
47) Bromodichloromethane	9.888	83	2275158	144.773	ug/l	99
48) Methyl methacrylate	9.682	41	1499838	109.838	ug/l	97
49) 1,4-Dioxane	9.700	88	883013	2882.396	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	11365409	575.576	ug/l	97
52) Toluene	10.629	92	4088500	147.383	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	2549969	158.138	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	2590748	148.899	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	1717971	149.573	ug/l	97
56) Ethyl methacrylate	10.876	69	2688512	147.074	ug/l	93
57) 1,3-Dichloropropane	11.165	76	2746548	135.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	6901416	919.937	ug/l	97
59) 2-Hexanone	11.200	43	8613385	593.117	ug/l	97
60) Dibromochloromethane	11.359	129	1970230	175.293	ug/l	100
61) 1,2-Dibromoethane	11.470	107	1761276	158.171	ug/l	99
64) Tetrachloroethene	11.106	164	1136732	126.208	ug/l	97
65) Chlorobenzene	11.894	112	4482488	145.761	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	1783756	156.555	ug/l	97
67) Ethyl Benzene	11.965	91	8107129	149.970	ug/l	98
68) m/p-Xylenes	12.070	106	6639015	324.480	ug/l	95
69) o-Xylene	12.400	106	3356415	157.840	ug/l	99
70) Styrene	12.412	104	5746053	173.659	ug/l	98
71) Bromoform	12.582	173	1623743	201.246	ug/l #	99
73) Isopropylbenzene	12.700	105	8898637	118.507	ug/l	99
74) N-amyl acetate	12.494	43	3235608	87.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	2867760	97.886	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	2515996m	118.475	ug/l	
77) Bromobenzene	12.982	156	2049215	122.519	ug/l	88
78) n-propylbenzene	13.035	91	10118210	120.081	ug/l	98
79) 2-Chlorotoluene	13.129	91	6055682	126.255	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	7623917	129.838	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	1001781m	127.666	ug/l	
82) 4-Chlorotoluene	13.129	91	6055682	126.255	ug/l	99
83) tert-Butylbenzene	13.441	119	6923135	126.709	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	7832778	139.421	ug/l	99
85) sec-Butylbenzene	13.617	105	9820945	132.275	ug/l	98
86) p-Isopropyltoluene	13.729	119	8569494	152.558	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	4194633	150.415	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	4096748	146.330	ug/l	99
89) n-Butylbenzene	14.059	91	7243803	155.775	ug/l	98
90) Hexachloroethane	14.335	117	1545632	130.871	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	4104628	145.975	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	649504	137.708	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	2129614	153.349	ug/l	100
94) Hexachlorobutadiene	15.500	225	879182	123.774	ug/l	98
95) Naphthalene	15.641	128	8114803	156.531	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	2064566	145.767	ug/l	98

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

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