

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076264.D
 Acq On : 16 Jan 2023 12:06
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 03:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:09:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	334320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	533540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	185216	49.479	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	8.171	113	163335	48.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.880%		
50) Toluene-d8	10.571	98	621427	50.417	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.840%		
62) 4-Bromofluorobenzene	12.847	95	209462	52.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	175749	52.385	ug/l	100
3) Chloromethane	2.371	50	174360	48.691	ug/l	100
4) Vinyl Chloride	2.530	62	215352	48.768	ug/l	100
5) Bromomethane	2.953	94	172179	48.340	ug/l	100
6) Chloroethane	3.124	64	152855	47.292	ug/l	100
7) Trichlorofluoromethane	3.512	101	292683	48.898	ug/l	100
8) Diethyl Ether	3.971	74	102475	51.808	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	166380	49.729	ug/l	100
10) Methyl Iodide	4.600	142	262342	50.701	ug/l	100
11) Tert butyl alcohol	5.530	59	125739	251.130	ug/l	100
12) 1,1-Dichloroethene	4.359	96	159397	51.282	ug/l	100
13) Acrolein	4.189	56	147125	245.707	ug/l	100
14) Allyl chloride	5.036	41	183513	50.331	ug/l	100
15) Acrylonitrile	5.730	53	360527	250.412	ug/l	100
16) Acetone	4.442	43	292325	236.196	ug/l	100
17) Carbon Disulfide	4.724	76	395842	50.596	ug/l	100
18) Methyl Acetate	5.036	43	196481	48.617	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	534043	51.618	ug/l	100
20) Methylene Chloride	5.289	84	173002	46.449	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	169025	49.183	ug/l	100
22) Diisopropyl ether	6.683	45	449978	50.654	ug/l	100
23) Vinyl Acetate	6.612	43	1523871	270.197	ug/l	100
24) 1,1-Dichloroethane	6.583	63	290237	48.699	ug/l	100
25) 2-Butanone	7.488	43	456534	253.425	ug/l	100
26) 2,2-Dichloropropane	7.500	77	257207	50.545	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	200405	49.477	ug/l	100
28) Bromochloromethane	7.824	49	120873	50.257	ug/l	100
29) Tetrahydrofuran	7.841	42	296147	261.700	ug/l	100
30) Chloroform	7.971	83	322667	48.664	ug/l	100
31) Cyclohexane	8.259	56	262943	45.726	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	295415	50.008	ug/l	100
36) 1,1-Dichloropropene	8.377	75	238088	50.317	ug/l	100
37) Ethyl Acetate	7.565	43	186551	49.680	ug/l	100
38) Carbon Tetrachloride	8.365	117	266407	50.548	ug/l	100
39) Methylcyclohexane	9.600	83	305209	53.326	ug/l	100
40) Benzene	8.612	78	711084	50.468	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	101944	52.695	ug/l	100
42) 1,2-Dichloroethane	8.677	62	239913	49.549	ug/l	100
43) Isopropyl Acetate	8.694	43	318943	39.187	ug/l	100
44) Trichloroethene	9.353	130	192795	48.717	ug/l	100
45) 1,2-Dichloropropane	9.624	63	168115	49.734	ug/l	100
46) Dibromomethane	9.712	93	127706	50.388	ug/l	100
47) Bromodichloromethane	9.888	83	252956	51.571	ug/l	100
48) Methyl methacrylate	9.682	41	150846	53.738	ug/l	100
49) 1,4-Dioxane	9.700	88	66877	1101.092	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	949542	263.252	ug/l	100
52) Toluene	10.629	92	472098	50.747	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	260689	55.686	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	283382	53.228	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	176843	50.015	ug/l	100
56) Ethyl methacrylate	10.876	69	255967	55.405	ug/l	100
57) 1,3-Dichloropropane	11.165	76	296986	52.009	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	430143	277.362	ug/l	100
59) 2-Hexanone	11.194	43	694975	267.869	ug/l	100
60) Dibromochloromethane	11.359	129	203721	52.662	ug/l	100
61) 1,2-Dibromoethane	11.470	107	186523	52.087	ug/l	100
64) Tetrachloroethene	11.106	164	189737	44.496	ug/l	100
65) Chlorobenzene	11.894	112	498987	49.352	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	188538	50.139	ug/l	100
67) Ethyl Benzene	11.965	91	907487	52.204	ug/l	100
68) m/p-Xylenes	12.070	106	719578	104.797	ug/l	100
69) o-Xylene	12.400	106	356554	52.962	ug/l	100
70) Styrene	12.412	104	582214	54.638	ug/l	100
71) Bromoform	12.582	173	146734	53.853	ug/l #	100
73) Isopropylbenzene	12.694	105	925723	49.881	ug/l	100
74) N-amyl acetate	12.494	43	277388	52.987	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	257135	47.141	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	223276m	44.607	ug/l	
77) Bromobenzene	12.982	156	217521	46.980	ug/l	100
78) n-propylbenzene	13.035	91	1062200	51.778	ug/l	100
79) 2-Chlorotoluene	13.129	91	621318	48.624	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	787365	50.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	77684	53.135	ug/l	100
82) 4-Chlorotoluene	13.129	91	621318	48.624	ug/l	100
83) tert-Butylbenzene	13.441	119	693416	49.784	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	788992	51.735	ug/l	100
85) sec-Butylbenzene	13.617	105	989722	52.117	ug/l	100
86) p-Isopropyltoluene	13.729	119	838422	54.102	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	419320	49.404	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	413781	49.126	ug/l	100
89) n-Butylbenzene	14.059	91	684062	55.767	ug/l	100
90) Hexachloroethane	14.335	117	142991	52.409	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	417490	48.804	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50421	55.502	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	212850	58.031	ug/l	100
94) Hexachlorobutadiene	15.506	225	115721	51.807	ug/l	100
95) Naphthalene	15.641	128	617257	60.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	202445	56.608	ug/l	100

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

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