

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079911.D
 Acq On : 04 Nov 2023 22:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 06 04:21:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	307865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	533196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	493805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255820	54.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.080%			
35) Dibromofluoromethane	8.165	113	196860	52.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.340%			
50) Toluene-d8	10.571	98	727941	52.398	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.853	95	265328	57.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	190048	51.249	ug/l	100
3) Chloromethane	2.359	50	219073	47.360	ug/l	99
4) Vinyl Chloride	2.512	62	254303	52.389	ug/l	98
5) Bromomethane	2.948	94	142776	48.409	ug/l	99
6) Chloroethane	3.118	64	183380	47.811	ug/l	96
7) Trichlorofluoromethane	3.495	101	306626	50.787	ug/l	99
8) Diethyl Ether	3.959	74	121095	52.855	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	175393	50.113	ug/l	98
10) Methyl Iodide	4.595	142	210876	52.761	ug/l	98
11) Tert butyl alcohol	5.524	59	140640	234.889	ug/l	99
12) 1,1-Dichloroethene	4.336	96	167177	50.448	ug/l #	82
13) Acrolein	4.177	56	138396	310.105	ug/l	97
14) Allyl chloride	5.024	41	278025	54.777	ug/l #	90
15) Acrylonitrile	5.718	53	519900	278.629	ug/l	99
16) Acetone	4.424	43	409744	248.698	ug/l	91
17) Carbon Disulfide	4.712	76	445881	46.647	ug/l	100
18) Methyl Acetate	5.024	43	438119	55.582	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	641089	56.191	ug/l	92
20) Methylene Chloride	5.277	84	210290	50.584	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	189712	51.331	ug/l #	77
22) Diisopropyl ether	6.677	45	695777	59.154	ug/l #	88
23) Vinyl Acetate	6.606	43	1746954	269.259	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	399770	55.919	ug/l	96
25) 2-Butanone	7.488	43	676850	280.546	ug/l #	80
26) 2,2-Dichloropropane	7.488	77	266313	45.042	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	232159	52.514	ug/l	87
28) Bromochloromethane	7.818	49	191383	54.932	ug/l #	75
29) Tetrahydrofuran	7.841	42	459498	292.734	ug/l #	75
30) Chloroform	7.965	83	410551	52.868	ug/l	91
31) Cyclohexane	8.265	56	311786	50.305	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	346741	54.800	ug/l	95
36) 1,1-Dichloropropene	8.377	75	290853	53.979	ug/l	95
37) Ethyl Acetate	7.559	43	289152	58.513	ug/l #	91
38) Carbon Tetrachloride	8.365	117	292678	53.896	ug/l	96
39) Methylcyclohexane	9.606	83	278019	54.827	ug/l #	88
40) Benzene	8.612	78	870128	53.916	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	158020	60.218	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	326482	57.914	ug/l	97
43) Isopropyl Acetate	8.688	43	481193	55.525	ug/l #	91
44) Trichloroethene	9.353	130	211347	52.775	ug/l	97
45) 1,2-Dichloropropane	9.624	63	238093	57.729	ug/l	94
46) Dibromomethane	9.712	93	154959	55.025	ug/l	96
47) Bromodichloromethane	9.888	83	323788	53.911	ug/l	99
48) Methyl methacrylate	9.682	41	235215	61.965	ug/l #	81
49) 1,4-Dioxane	9.694	88	72328	1078.339	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1481049	303.555	ug/l	90
52) Toluene	10.635	92	536119	56.034	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	331804	56.355	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	357509	55.708	ug/l #	90
55) 1,1,2-Trichloroethane	11.024	97	216964	56.379	ug/l	97
56) Ethyl methacrylate	10.876	69	332936	60.653	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	386691	57.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	769853	276.715	ug/l	89
59) 2-Hexanone	11.200	43	1067855	286.101	ug/l	88
60) Dibromochloromethane	11.365	129	227728	55.284	ug/l	99
61) 1,2-Dibromoethane	11.471	107	212909	55.122	ug/l	99
64) Tetrachloroethene	11.106	164	195483	61.124	ug/l	99
65) Chlorobenzene	11.894	112	565814	52.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	211410	54.780	ug/l	96
67) Ethyl Benzene	11.965	91	1014868	54.381	ug/l	96
68) m/p-Xylenes	12.076	106	759102	109.192	ug/l	92
69) o-Xylene	12.400	106	372697	55.673	ug/l	90
70) Styrene	12.412	104	626071	58.193	ug/l	97
71) Bromoform	12.582	173	151400	55.247	ug/l #	100
73) Isopropylbenzene	12.700	105	940913	54.507	ug/l	99
74) N-amyl acetate	12.500	43	394055	52.298	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	306901	50.144	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	290647m	54.429	ug/l	
77) Bromobenzene	12.982	156	223180	52.808	ug/l	93
78) n-propylbenzene	13.041	91	1112698	56.288	ug/l	97
79) 2-Chlorotoluene	13.129	91	686034	54.325	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	769003	57.258	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	92598	47.180	ug/l #	86
82) 4-Chlorotoluene	13.223	91	694385	55.335	ug/l	97
83) tert-Butylbenzene	13.441	119	627061	57.039	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	781665	59.155	ug/l	99
85) sec-Butylbenzene	13.617	105	884340	58.061	ug/l	100
86) p-Isopropyltoluene	13.735	119	729664	58.758	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	408280	51.931	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	402509	50.439	ug/l	99
89) n-Butylbenzene	14.059	91	625199	58.454	ug/l	99
90) Hexachloroethane	14.335	117	131207	53.351	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	395145	53.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58085	55.963	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	197893	56.077	ug/l	97
94) Hexachlorobutadiene	15.506	225	87944	54.973	ug/l	99
95) Naphthalene	15.647	128	657867	54.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	191765	55.436	ug/l	97

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

