

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079218.D
 Acq On : 11 Sep 2023 14:43
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 12 02:35:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 11 16:44:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	136787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	231940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	196509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	16912	9.159	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.320%#		
35) Dibromofluoromethane	8.177	113	14008	9.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.160%#		
50) Toluene-d8	10.571	98	49967	8.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.640%#		
62) 4-Bromofluorobenzene	12.859	95	14591	8.075	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	16.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	12843	9.489	ug/l	91
3) Chloromethane	2.365	50	16529	9.303	ug/l	99
4) Vinyl Chloride	2.512	62	18581	9.598	ug/l	95
5) Bromomethane	2.953	94	11306	10.160	ug/l	97
6) Chloroethane	3.124	64	12889	9.643	ug/l	95
7) Trichlorofluoromethane	3.494	101	26826	9.463	ug/l	97
8) Diethyl Ether	3.959	74	9915	10.077	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	14780	9.804	ug/l	95
10) Methyl Iodide	4.589	142	10416	8.446	ug/l #	81
11) Tert butyl alcohol	5.536	59	16000	46.934	ug/l #	86
12) 1,1-Dichloroethene	4.336	96	13950	9.562	ug/l	91
13) Acrolein	4.189	56	16019	49.261	ug/l	96
14) Allyl chloride	5.024	41	22076	9.486	ug/l #	89
15) Acrylonitrile	5.724	53	41672	47.143	ug/l	99
16) Acetone	4.441	43	35899	45.777	ug/l	96
17) Carbon Disulfide	4.712	76	41817	9.171	ug/l	98
18) Methyl Acetate	5.036	43	31520	9.780	ug/l #	87
19) Methyl tert-butyl Ether	5.806	73	47344	9.462	ug/l	92
20) Methylene Chloride	5.283	84	17818	9.337	ug/l #	89
21) trans-1,2-Dichloroethene	5.794	96	15958	9.429	ug/l #	76
22) Diisopropyl ether	6.677	45	49447	9.684	ug/l #	92
23) Vinyl Acetate	6.612	43	147959	43.863	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	29793	9.465	ug/l	97
25) 2-Butanone	7.488	43	52612	46.239	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	24353	9.144	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	18152	9.380	ug/l	90
28) Bromochloromethane	7.818	49	13226	9.293	ug/l #	84
29) Tetrahydrofuran	7.847	42	35766	49.394	ug/l #	79
30) Chloroform	7.971	83	30667	9.357	ug/l	99
31) Cyclohexane	8.259	56	26265	9.742	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	26515	9.491	ug/l	98
36) 1,1-Dichloropropene	8.377	75	22830	9.600	ug/l	95
37) Ethyl Acetate	7.571	43	21838	9.334	ug/l #	92
38) Carbon Tetrachloride	8.365	117	23051	9.367	ug/l	97
39) Methylcyclohexane	9.606	83	21249	9.059	ug/l #	88
40) Benzene	8.612	78	69602	9.561	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	11489	9.373	ug/l	89
42) 1,2-Dichloroethane	8.677	62	24347	9.715	ug/l	97
43) Isopropyl Acetate	8.694	43	36875	9.528	ug/l #	90
44) Trichloroethene	9.353	130	16703	9.314	ug/l	98
45) 1,2-Dichloropropane	9.629	63	16629	9.204	ug/l	94
46) Dibromomethane	9.718	93	11942	9.737	ug/l	91
47) Bromodichloromethane	9.894	83	23464	9.340	ug/l	93
48) Methyl methacrylate	9.688	41	16375	9.446	ug/l #	79
49) 1,4-Dioxane	9.700	88	6973	195.561	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	104948	46.713	ug/l	94
52) Toluene	10.635	92	40557	9.065	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	24358	9.196	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	26672	9.414	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	17092	9.736	ug/l #	95
56) Ethyl methacrylate	10.876	69	22344	9.017	ug/l #	85
57) 1,3-Dichloropropane	11.170	76	28426	9.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	43438	45.531	ug/l	92
59) 2-Hexanone	11.200	43	74231	45.618	ug/l	91
60) Dibromochloromethane	11.365	129	17302	9.261	ug/l	100
61) 1,2-Dibromoethane	11.476	107	16192	9.243	ug/l	99
64) Tetrachloroethene	11.112	164	14058	9.811	ug/l	90
65) Chlorobenzene	11.900	112	41906	9.413	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	16832	10.083	ug/l	94
67) Ethyl Benzene	11.970	91	73436	9.644	ug/l	96
68) m/p-Xylenes	12.076	106	54850	19.326	ug/l	96
69) o-Xylene	12.406	106	26313	9.667	ug/l	95
70) Styrene	12.417	104	40403	9.229	ug/l	96
71) Bromoform	12.582	173	12116	9.832	ug/l #	98
73) Isopropylbenzene	12.700	105	65087	10.061	ug/l	100
74) N-amyl acetate	12.500	43	23291	9.490	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	23759	9.863	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	19284m	10.455	ug/l	
77) Bromobenzene	12.982	156	16281	9.939	ug/l	99
78) n-propylbenzene	13.041	91	72420	9.966	ug/l	99
79) 2-Chlorotoluene	13.129	91	47332	9.958	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	54247	10.064	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	7391	10.604	ug/l	95
82) 4-Chlorotoluene	13.229	91	44188	9.894	ug/l	99
83) tert-Butylbenzene	13.441	119	45588	10.223	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	52588	10.244	ug/l	99
85) sec-Butylbenzene	13.623	105	60811	9.906	ug/l	99
86) p-Isopropyltoluene	13.735	119	48987	9.988	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	25912	9.645	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	25533	9.405	ug/l	96
89) n-Butylbenzene	14.064	91	35674	9.250	ug/l	99
90) Hexachloroethane	14.341	117	10288	10.329	ug/l	82
91) 1,2-Dichlorobenzene	14.111	146	25832	9.740	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	4127	10.873	ug/l	97
93) 1,2,4-Trichlorobenzene	15.405	180	8539	8.959	ug/l	96
94) Hexachlorobutadiene	15.505	225	7401	9.871	ug/l	97
95) Naphthalene	15.647	128	23614	8.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	10249	9.116	ug/l	97

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

