

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079735.D
 Acq On : 31 Oct 2023 10:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 01:15:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	299487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	512535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	468443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	228797	47.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.140%		
35) Dibromofluoromethane	8.171	113	182124	49.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.460%		
50) Toluene-d8	10.571	98	690112	50.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.100%		
62) 4-Bromofluorobenzene	12.853	95	224968	52.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	187242	47.361	ug/l	97
3) Chloromethane	2.365	50	214889	44.867	ug/l	98
4) Vinyl Chloride	2.518	62	231243	44.832	ug/l	99
5) Bromomethane	2.953	94	153930	45.463	ug/l	98
6) Chloroethane	3.124	64	176762	46.780	ug/l	99
7) Trichlorofluoromethane	3.500	101	286527	47.239	ug/l	99
8) Diethyl Ether	3.965	74	104218	47.480	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	164611	46.857	ug/l	99
10) Methyl Iodide	4.594	142	193799	54.812	ug/l	97
11) Tert butyl alcohol	5.512	59	122764	192.449	ug/l	100
12) 1,1-Dichloroethene	4.342	96	152339	46.297	ug/l #	78
13) Acrolein	4.183	56	144479	225.153	ug/l	96
14) Allyl chloride	5.030	41	242956	44.028	ug/l	90
15) Acrylonitrile	5.724	53	449798	229.147	ug/l	99
16) Acetone	4.430	43	476742	231.695	ug/l	91
17) Carbon Disulfide	4.718	76	456672	45.448	ug/l	100
18) Methyl Acetate	5.024	43	366970	44.206	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	523232	46.997	ug/l	94
20) Methylene Chloride	5.277	84	191752	47.061	ug/l #	82
21) trans-1,2-Dichloroethene	5.794	96	179600	48.087	ug/l #	85
22) Diisopropyl ether	6.677	45	601730	48.504	ug/l #	90
23) Vinyl Acetate	6.606	43	1615734	236.559	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	352936	47.477	ug/l	96
25) 2-Butanone	7.483	43	643082	227.528	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	271189	45.083	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	210693	48.995	ug/l	88
28) Bromochloromethane	7.812	49	181631	49.952	ug/l #	76
29) Tetrahydrofuran	7.841	42	395551	229.078	ug/l #	75
30) Chloroform	7.971	83	363027	48.497	ug/l	94
31) Cyclohexane	8.259	56	291916	44.490	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	305044	47.008	ug/l	94
36) 1,1-Dichloropropene	8.377	75	270608	49.807	ug/l	96
37) Ethyl Acetate	7.559	43	248855	46.210	ug/l #	90
38) Carbon Tetrachloride	8.365	117	264424	48.804	ug/l	96
39) Methylcyclohexane	9.606	83	258221	47.781	ug/l #	88
40) Benzene	8.606	78	806812	50.315	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	130404	46.428	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	283815	48.732	ug/l	98
43) Isopropyl Acetate	8.688	43	403016	46.811	ug/l #	92
44) Trichloroethene	9.359	130	189233	48.717	ug/l	98
45) 1,2-Dichloropropane	9.624	63	213455	50.119	ug/l	99
46) Dibromomethane	9.712	93	140449	48.895	ug/l	96
47) Bromodichloromethane	9.894	83	284185	49.318	ug/l	96
48) Methyl methacrylate	9.682	41	192559	48.243	ug/l #	83
49) 1,4-Dioxane	9.700	88	65105	926.912	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1257368	234.720	ug/l	90
52) Toluene	10.635	92	492073	50.266	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	292623	50.289	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	321485	50.499	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	188397	48.662	ug/l	94
56) Ethyl methacrylate	10.876	69	279054	51.038	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	338186	49.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	488994	242.753	ug/l	89
59) 2-Hexanone	11.200	43	940975	238.897	ug/l	87
60) Dibromochloromethane	11.359	129	202432	50.530	ug/l	98
61) 1,2-Dibromoethane	11.476	107	186366	48.317	ug/l	99
64) Tetrachloroethene	11.106	164	158583	47.721	ug/l	97
65) Chlorobenzene	11.894	112	509586	49.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	191743	49.770	ug/l	97
67) Ethyl Benzene	11.965	91	935787	51.231	ug/l	96
68) m/p-Xylenes	12.076	106	710560	105.175	ug/l	94
69) o-Xylene	12.400	106	339877	52.317	ug/l	93
70) Styrene	12.412	104	562825	54.084	ug/l	97
71) Bromoform	12.582	173	133322	48.315	ug/l #	100
73) Isopropylbenzene	12.700	105	861461	45.404	ug/l	100
74) N-amyl acetate	12.500	43	331100	43.875	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	278743	41.498	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	244466m	42.980	ug/l	
77) Bromobenzene	12.982	156	199121	44.627	ug/l	96
78) n-propylbenzene	13.041	91	1033371	47.281	ug/l	97
79) 2-Chlorotoluene	13.129	91	614202	45.082	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	716879	46.353	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	80349	42.611	ug/l #	84
82) 4-Chlorotoluene	13.223	91	610345	46.641	ug/l	99
83) tert-Butylbenzene	13.441	119	571013	45.050	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	714960	47.918	ug/l	99
85) sec-Butylbenzene	13.617	105	814016	46.042	ug/l	100
86) p-Isopropyltoluene	13.735	119	668283	47.458	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	353643	46.850	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	344382	45.797	ug/l	99
89) n-Butylbenzene	14.059	91	541046	48.361	ug/l	97
90) Hexachloroethane	14.335	117	130650	43.911	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	338278	46.076	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43509	42.000	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	108939	49.781	ug/l	98
94) Hexachlorobutadiene	15.506	225	77172	39.744	ug/l	98
95) Naphthalene	15.647	128	266653	41.972	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110225	45.105	ug/l	98

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

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