

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079376.D
 Acq On : 30 Sep 2023 10:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 01:49:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/02/2023
 Supervised By :Mahesh Dadoda 10/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	162725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	261858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	123669	56.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.600%			
35) Dibromofluoromethane	8.171	113	96978	51.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	10.570	98	349438	50.836	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.853	95	118834	54.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83643	51.949	ug/l	100
3) Chloromethane	2.365	50	108314	51.246	ug/l	99
4) Vinyl Chloride	2.512	62	121111	52.588	ug/l	99
5) Bromomethane	2.936	94	66995	50.609	ug/l	98
6) Chloroethane	3.112	64	87588	59.650	ug/l	99
7) Trichlorofluoromethane	3.494	101	164997	48.926	ug/l	97
8) Diethyl Ether	3.959	74	62573	53.458	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.365	101	93573	52.174	ug/l	99
10) Methyl Iodide	4.588	142	103324	70.429	ug/l	100
11) Tert butyl alcohol	5.530	59	95399	235.236	ug/l	99
12) 1,1-Dichloroethene	4.341	96	86106	49.613	ug/l	88
13) Acrolein	4.177	56	147418	381.076	ug/l	97
14) Allyl chloride	5.030	41	143544	51.848	ug/l #	90
15) Acrylonitrile	5.718	53	304447	289.518	ug/l	99
16) Acetone	4.430	43	332848	356.780	ug/l	92
17) Carbon Disulfide	4.706	76	204721	37.742	ug/l	99
18) Methyl Acetate	5.024	43	238393	62.175	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	337444	56.692	ug/l	96
20) Methylene Chloride	5.277	84	112199	49.421	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	97587	48.471	ug/l #	77
22) Diisopropyl ether	6.677	45	380720	62.674	ug/l #	91
23) Vinyl Acetate	6.606	43	1109075	296.832	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	213911	57.123	ug/l	97
25) 2-Butanone	7.488	43	437207	322.996	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	171994	55.970	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	126255	54.844	ug/l	86
28) Bromochloromethane	7.818	49	95898	56.640	ug/l #	74
29) Tetrahydrofuran	7.841	42	268959	312.234	ug/l #	75
30) Chloroform	7.971	83	229170	58.779	ug/l	93
31) Cyclohexane	8.259	56	156930	48.928	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	186381	56.080	ug/l	94
36) 1,1-Dichloropropene	8.376	75	151471	52.494	ug/l	95
37) Ethyl Acetate	7.565	43	169191	58.786	ug/l #	89
38) Carbon Tetrachloride	8.365	117	156377	52.370	ug/l	97
39) Methylcyclohexane	9.606	83	144128	50.638	ug/l #	86
40) Benzene	8.612	78	471908	53.424	ug/l	99

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41) Methacrylonitrile	7.782	41	94141	64.874	ug/l #	83
42) 1,2-Dichloroethane	8.676	62	174204	57.286	ug/l	98
43) Isopropyl Acetate	8.694	43	275110	58.583	ug/l #	89
44) Trichloroethene	9.353	130	105773	48.609	ug/l	99
45) 1,2-Dichloropropane	9.623	63	128203	58.481	ug/l	97
46) Dibromomethane	9.712	93	85434	57.408	ug/l	94
47) Bromodichloromethane	9.894	83	183735	60.278	ug/l	97
48) Methyl methacrylate	9.688	41	129111	61.380	ug/l #	81
49) 1,4-Dioxane	9.700	88	47857	1106.145	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	869658	319.017	ug/l	89
52) Toluene	10.635	92	290344	53.485	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	184284	57.337	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	199384	58.001	ug/l #	89
55) 1,1,2-Trichloroethane	11.017	97	122903	57.699	ug/l	97
56) Ethyl methacrylate	10.876	69	182315	60.634	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	213634	58.018	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	346932	271.692	ug/l #	88
59) 2-Hexanone	11.200	43	648769	328.582	ug/l	87
60) Dibromochloromethane	11.365	129	139906	61.716	ug/l	100
61) 1,2-Dibromoethane	11.470	107	123466	58.082	ug/l	99
64) Tetrachloroethene	11.106	164	90881	47.597	ug/l	96
65) Chlorobenzene	11.894	112	303738	51.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	119029	53.509	ug/l	98
67) Ethyl Benzene	11.964	91	564116	55.596	ug/l	94
68) m/p-Xylenes	12.076	106	423602	112.004	ug/l	96
69) o-Xylene	12.400	106	201878	55.656	ug/l	92
70) Styrene	12.412	104	345806	59.277	ug/l	99
71) Bromoform	12.582	173	87461	53.259	ug/l #	99
73) Isopropylbenzene	12.700	105	535864	50.791	ug/l	98
74) N-amyl acetate	12.500	43	221206	55.264	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	187529	47.733	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	162365m	51.952	ug/l	
77) Bromobenzene	12.982	156	123384	46.186	ug/l	94
78) n-propylbenzene	13.041	91	637775	53.813	ug/l	96
79) 2-Chlorotoluene	13.129	91	378460	48.823	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	448880	51.061	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	54039	47.536	ug/l	85
82) 4-Chlorotoluene	13.223	91	368122	50.540	ug/l	99
83) tert-Butylbenzene	13.441	119	359920	49.490	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	442074	52.802	ug/l	100
85) sec-Butylbenzene	13.617	105	529603	52.896	ug/l	99
86) p-Isopropyltoluene	13.735	119	421377	52.680	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	217608	49.663	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	213134	48.137	ug/l	99
89) n-Butylbenzene	14.058	91	338336	53.789	ug/l	97
90) Hexachloroethane	14.341	117	85127	52.406	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	214083	49.493	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29344	49.134	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	72983	46.952	ug/l	99
94) Hexachlorobutadiene	15.505	225	50343	41.171	ug/l	99
95) Naphthalene	15.647	128	190817	41.332	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	87463	47.700	ug/l	96

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

