

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079285.D
 Acq On : 18 Sep 2023 12:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 01:22:06 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 : John Carlone 09/19/2023
 Supervised By : Semsettin Yesilyurt 09/19/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	189805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	292446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	165156	64.459	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.920%#			
35) Dibromofluoromethane	8.171	113	125348	58.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.960%			
50) Toluene-d8	10.571	98	454248	58.205	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 116.400%#			
62) 4-Bromofluorobenzene	12.853	95	160007	64.275	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 128.540%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96452	51.358	ug/l	97
3) Chloromethane	2.365	50	116258	47.157	ug/l	98
4) Vinyl Chloride	2.518	62	126033	46.918	ug/l	100
5) Bromomethane	2.942	94	73146	47.372	ug/l	99
6) Chloroethane	3.112	64	88276	51.406	ug/l	99
7) Trichlorofluoromethane	3.495	101	186388	47.384	ug/l	94
8) Diethyl Ether	3.965	74	70672	51.763	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	104204	49.813	ug/l	98
10) Methyl Iodide	4.589	142	111773	65.318	ug/l	100
11) Tert butyl alcohol	5.530	59	114262	241.551	ug/l	98
12) 1,1-Dichloroethene	4.342	96	92386	45.637	ug/l #	76
13) Acrolein	4.183	56	128976	285.836	ug/l	96
14) Allyl chloride	5.024	41	175157	54.240	ug/l #	90
15) Acrylonitrile	5.724	53	328729	268.008	ug/l	99
16) Acetone	4.430	43	319983	294.055	ug/l	91
17) Carbon Disulfide	4.712	76	254759	40.266	ug/l	100
18) Methyl Acetate	5.030	43	238972	53.434	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	380327	54.780	ug/l	92
20) Methylene Chloride	5.283	84	129055	48.735	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	111573	47.512	ug/l #	81
22) Diisopropyl ether	6.677	45	409395	57.779	ug/l #	90
23) Vinyl Acetate	6.606	43	1237563	283.965	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	232187	53.158	ug/l	97
25) 2-Butanone	7.488	43	450352	285.239	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	184109	51.364	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	137243	51.111	ug/l	85
28) Bromochloromethane	7.818	49	126843	64.229	ug/l #	74
29) Tetrahydrofuran	7.841	42	291228	289.850	ug/l #	76
30) Chloroform	7.971	83	246630	54.232	ug/l	96
31) Cyclohexane	8.259	56	178098	47.605	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	206323	53.223	ug/l	94
36) 1,1-Dichloropropene	8.377	75	173939	53.093	ug/l	94
37) Ethyl Acetate	7.565	43	183367	56.116	ug/l #	91
38) Carbon Tetrachloride	8.365	117	179550	52.961	ug/l	97
39) Methylcyclohexane	9.606	83	167481	51.827	ug/l #	87
40) Benzene	8.612	78	512510	51.103	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	92978	56.433	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	201350	58.319	ug/l	96
43) Isopropyl Acetate	8.694	43	300794	56.415	ug/l #	90
44) Trichloroethene	9.359	130	118492	47.962	ug/l	92
45) 1,2-Dichloropropane	9.624	63	138401	55.606	ug/l	97
46) Dibromomethane	9.712	93	96870	57.332	ug/l	95
47) Bromodichloromethane	9.894	83	198520	57.364	ug/l	99
48) Methyl methacrylate	9.682	41	144283	60.414	ug/l #	79
49) 1,4-Dioxane	9.700	88	52001	1058.623	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	933757	301.691	ug/l	89
52) Toluene	10.635	92	317297	51.481	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	205428	56.295	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	218105	55.882	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	135222	55.914	ug/l	97
56) Ethyl methacrylate	10.876	69	202232	59.238	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	235961	56.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	398531	274.534	ug/l	90
59) 2-Hexanone	11.200	43	674282	300.787	ug/l	87
60) Dibromochloromethane	11.365	129	142997	55.558	ug/l	98
61) 1,2-Dibromoethane	11.476	107	131062	54.305	ug/l	98
64) Tetrachloroethene	11.106	164	99945	46.869	ug/l	98
65) Chlorobenzene	11.894	112	332481	50.185	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	129485	52.121	ug/l	97
67) Ethyl Benzene	11.970	91	615156	54.285	ug/l	95
68) m/p-Xylenes	12.076	106	461134	109.175	ug/l	91
69) o-Xylene	12.406	106	225293	55.615	ug/l	92
70) Styrene	12.418	104	377449	57.934	ug/l	97
71) Bromoform	12.582	173	97968	53.417	ug/l #	100
73) Isopropylbenzene	12.700	105	583905	48.839	ug/l	98
74) N-amyl acetate	12.500	43	241640	53.272	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	200717	45.084	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	184856m	52.195	ug/l	
77) Bromobenzene	12.982	156	134860	44.548	ug/l	93
78) n-propylbenzene	13.041	91	695228	51.765	ug/l	97
79) 2-Chlorotoluene	13.129	91	421686	48.005	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	498247	50.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	60332	46.833	ug/l #	85
82) 4-Chlorotoluene	13.223	91	414044	50.163	ug/l	99
83) tert-Butylbenzene	13.441	119	410245	49.779	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	495933	52.272	ug/l	99
85) sec-Butylbenzene	13.623	105	566633	49.942	ug/l	100
86) p-Isopropyltoluene	13.735	119	466163	51.428	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	241294	48.595	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	233239	46.486	ug/l	99
89) n-Butylbenzene	14.059	91	375208	52.639	ug/l	98
90) Hexachloroethane	14.335	117	89074	48.390	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	236206	48.188	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34534	51.027	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	84874	48.183	ug/l	98
94) Hexachlorobutadiene	15.506	225	56042	40.444	ug/l	97
95) Naphthalene	15.647	128	227697	43.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	92687	44.607	ug/l	98

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QLast Update : Tue Sep 12 05:05:24 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

