

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078079.D
 Acq On : 06 Jun 2023 20:59
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 07 04:28:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:24:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	503871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	906989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	794959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	319269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	677574	100.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 201.720%#			
35) Dibromofluoromethane	8.171	113	578752	100.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 201.840%#			
50) Toluene-d8	10.571	98	2236499	101.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 202.320%#			
62) 4-Bromofluorobenzene	12.853	95	729170	106.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 212.180%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	500325	87.842	ug/l	99
3) Chloromethane	2.371	50	518479	98.531	ug/l	98
4) Vinyl Chloride	2.518	62	669300	89.739	ug/l	99
5) Bromomethane	2.936	94	498391	88.422	ug/l	99
6) Chloroethane	3.112	64	463890	91.240	ug/l	100
7) Trichlorofluoromethane	3.501	101	925454	91.502	ug/l	95
8) Diethyl Ether	3.965	74	326033	91.744	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	499637	93.606	ug/l	97
10) Methyl Iodide	4.595	142	743076	98.440	ug/l	98
11) Tert butyl alcohol	5.536	59	427506	460.855	ug/l	99
12) 1,1-Dichloroethene	4.348	96	507368	101.324	ug/l	89
13) Acrolein	4.189	56	463688	453.540	ug/l	97
14) Allyl chloride	5.036	41	631566	94.030	ug/l	94
15) Acrylonitrile	5.724	53	1162996	486.286	ug/l	99
16) Acetone	4.436	43	878509	454.308	ug/l	97
17) Carbon Disulfide	4.718	76	1312429	92.670	ug/l	99
18) Methyl Acetate	5.030	43	816856	91.752	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	1708236	97.305	ug/l	99
20) Methylene Chloride	5.283	84	573924	89.815	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	557969	94.020	ug/l	83
22) Diisopropyl ether	6.683	45	1539238	97.426	ug/l	97
23) Vinyl Acetate	6.612	43	4728437	503.472	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	1005479	96.474	ug/l	98
25) 2-Butanone	7.488	43	1440075	484.277	ug/l	89
26) 2,2-Dichloropropane	7.500	77	783905	101.865	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	662215	93.549	ug/l	96
28) Bromochloromethane	7.824	49	488476	102.078	ug/l	94
29) Tetrahydrofuran	7.841	42	958260	482.044	ug/l	87
30) Chloroform	7.971	83	1083230	96.519	ug/l	95
31) Cyclohexane	8.265	56	795390	92.295	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	978435	99.304	ug/l	98
36) 1,1-Dichloropropene	8.383	75	807455	98.161	ug/l	98
37) Ethyl Acetate	7.565	43	614910	95.690	ug/l	95
38) Carbon Tetrachloride	8.371	117	860582	99.080	ug/l	99
39) Methylcyclohexane	9.606	83	839841	98.518	ug/l	92
40) Benzene	8.612	78	2382020	96.997	ug/l	98

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41) Methacrylonitrile	7.783	41	331785	95.255	ug/l	93
42) 1,2-Dichloroethane	8.677	62	797002	94.655	ug/l	98
43) Isopropyl Acetate	8.694	43	1109083	90.246	ug/l	95
44) Trichloroethene	9.359	130	624730	96.329	ug/l	100
45) 1,2-Dichloropropane	9.624	63	592923	97.042	ug/l	99
46) Dibromomethane	9.718	93	427716	95.040	ug/l	94
47) Bromodichloromethane	9.894	83	854013	102.159	ug/l	96
48) Methyl methacrylate	9.688	41	522413	101.295	ug/l	88
49) 1,4-Dioxane	9.700	88	204100	1882.902	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	3152335	487.109	ug/l	95
52) Toluene	10.635	92	1512601	97.556	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	908400	104.341	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	990301	102.900	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	589451	100.496	ug/l	98
56) Ethyl methacrylate	10.877	69	883744	103.477	ug/l	94
57) 1,3-Dichloropropane	11.171	76	989901	99.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1916196	555.406	ug/l	93
59) 2-Hexanone	11.200	43	2251243	499.603	ug/l	93
60) Dibromochloromethane	11.365	129	660123	102.851	ug/l	100
61) 1,2-Dibromoethane	11.476	107	612029	99.431	ug/l	98
64) Tetrachloroethene	11.106	164	491411	92.659	ug/l	96
65) Chlorobenzene	11.900	112	1637683	96.196	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	619976	99.013	ug/l	98
67) Ethyl Benzene	11.971	91	2890184	98.388	ug/l	100
68) m/p-Xylenes	12.076	106	2223072	198.576	ug/l	100
69) o-Xylene	12.406	106	1096561	99.744	ug/l	99
70) Styrene	12.418	104	1784179	103.087	ug/l	98
71) Bromoform	12.582	173	422944	104.666	ug/l #	99
73) Isopropylbenzene	12.700	105	2681235	88.809	ug/l	99
74) N-amyl acetate	12.500	43	911065	91.638	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	795486	98.155	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	659371m	86.989	ug/l	
77) Bromobenzene	12.988	156	628077	89.617	ug/l	97
78) n-propylbenzene	13.041	91	3018681	92.028	ug/l	99
79) 2-Chlorotoluene	13.129	91	1863677	88.019	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	2158235	88.296	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	248280	101.064	ug/l	88
82) 4-Chlorotoluene	13.229	91	1798907	91.032	ug/l	97
83) tert-Butylbenzene	13.447	119	1873841	88.191	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	2134141	90.055	ug/l	98
85) sec-Butylbenzene	13.623	105	2489560	89.520	ug/l	99
86) p-Isopropyltoluene	13.735	119	2053519	90.993	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	1081019	91.187	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	1048387	91.648	ug/l	99
89) n-Butylbenzene	14.065	91	1612261	90.574	ug/l	98
90) Hexachloroethane	14.341	117	374250	93.446	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	1059632	91.457	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	140607	94.024	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	440004	106.588	ug/l	97
94) Hexachlorobutadiene	15.506	225	194470	98.717	ug/l	99
95) Naphthalene	15.647	128	1518420	109.350	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	455344	98.625	ug/l	97

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

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