

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078116.D
 Acq On : 08 Jun 2023 09:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 09 01:20:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/09/2023
 Supervised By : Mahesh Dadoda 06/09/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	449101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	796091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	703593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	316687	52.888	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.780%			
35) Dibromofluoromethane	8.171	113	264015	52.451	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.900%			
50) Toluene-d8	10.571	98	1030883	53.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.853	95	332794	55.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	219429	43.224	ug/l	100
3) Chloromethane	2.371	50	237639	49.748	ug/l	98
4) Vinyl Chloride	2.524	62	303817	45.703	ug/l	99
5) Bromomethane	2.953	94	218480	43.489	ug/l	99
6) Chloroethane	3.124	64	207744	45.843	ug/l	97
7) Trichlorofluoromethane	3.500	101	416200	46.169	ug/l	98
8) Diethyl Ether	3.965	74	141374	44.633	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	226696	47.650	ug/l	97
10) Methyl Iodide	4.600	142	313768	46.636	ug/l	99
11) Tert butyl alcohol	5.524	59	178284	215.630	ug/l	98
12) 1,1-Dichloroethene	4.347	96	220600	44.982	ug/l	93
13) Acrolein	4.183	56	207162	227.340	ug/l	95
14) Allyl chloride	5.030	41	298833	49.918	ug/l	92
15) Acrylonitrile	5.724	53	499631	234.389	ug/l	99
16) Acetone	4.430	43	513588	297.985	ug/l	90
17) Carbon Disulfide	4.718	76	590716	46.797	ug/l	99
18) Methyl Acetate	5.030	43	351007	44.235	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	735351	46.996	ug/l	94
20) Methylene Chloride	5.283	84	256652	45.062	ug/l #	90
21) trans-1,2-Dichloroethene	5.794	96	245856	46.480	ug/l	91
22) Diisopropyl ether	6.683	45	710872	50.482	ug/l	93
23) Vinyl Acetate	6.612	43	2063965	246.567	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	454483	48.925	ug/l	97
25) 2-Butanone	7.488	43	671440	253.333	ug/l	88
26) 2,2-Dichloropropane	7.500	77	397069	57.890	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	289403	45.869	ug/l	91
28) Bromochloromethane	7.818	49	215663	50.564	ug/l	90
29) Tetrahydrofuran	7.841	42	414848	234.136	ug/l #	85
30) Chloroform	7.971	83	492651	49.250	ug/l	94
31) Cyclohexane	8.259	56	366446	47.707	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	440576	50.168	ug/l	98
36) 1,1-Dichloropropene	8.377	75	362613	50.223	ug/l	97
37) Ethyl Acetate	7.565	43	265072	46.996	ug/l #	94
38) Carbon Tetrachloride	8.365	117	384184	50.393	ug/l	96
39) Methylcyclohexane	9.606	83	371771	49.686	ug/l	94
40) Benzene	8.612	78	1072985	49.779	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	145707	47.660	ug/l	90
42) 1,2-Dichloroethane	8.677	62	367069	49.667	ug/l	97
43) Isopropyl Acetate	8.694	43	471061	43.670	ug/l	96
44) Trichloroethene	9.359	130	275627	48.420	ug/l	97
45) 1,2-Dichloropropane	9.629	63	266475	49.689	ug/l	96
46) Dibromomethane	9.712	93	189478	47.967	ug/l	94
47) Bromodichloromethane	9.894	83	387897	52.865	ug/l	99
48) Methyl methacrylate	9.682	41	218092	48.178	ug/l	92
49) 1,4-Dioxane	9.700	88	85748	901.256	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	1368242	240.877	ug/l	94
52) Toluene	10.635	92	675437	49.631	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	413280	54.083	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	442082	52.335	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	261873	50.867	ug/l	99
56) Ethyl methacrylate	10.876	69	371368	49.541	ug/l	91
57) 1,3-Dichloropropane	11.165	76	439371	50.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	784341	259.009	ug/l	92
59) 2-Hexanone	11.200	43	993122	251.099	ug/l	92
60) Dibromochloromethane	11.365	129	287455	51.026	ug/l	99
61) 1,2-Dibromoethane	11.476	107	263934	48.852	ug/l	98
64) Tetrachloroethene	11.106	164	243117	51.794	ug/l	97
65) Chlorobenzene	11.894	112	729285	48.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	269664	48.659	ug/l	97
67) Ethyl Benzene	11.971	91	1306144	50.238	ug/l	100
68) m/p-Xylenes	12.076	106	993762	100.295	ug/l	98
69) o-Xylene	12.406	106	481862	49.522	ug/l	97
70) Styrene	12.418	104	783152	51.125	ug/l	98
71) Bromoform	12.582	173	179923	50.308	ug/l #	98
73) Isopropylbenzene	12.700	105	1232211	46.196	ug/l	99
74) N-amyl acetate	12.500	43	377668	42.997	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	355024	48.310	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	280932m	42.130	ug/l	
77) Bromobenzene	12.988	156	278742	45.017	ug/l	97
78) n-propylbenzene	13.041	91	1393252	48.077	ug/l	100
79) 2-Chlorotoluene	13.129	91	838338	44.815	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	994542	46.054	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	105321	48.526	ug/l	92
82) 4-Chlorotoluene	13.223	91	820309	46.986	ug/l	98
83) tert-Butylbenzene	13.441	119	829688	44.198	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	980316	46.822	ug/l	99
85) sec-Butylbenzene	13.623	105	1095101	44.571	ug/l	99
86) p-Isopropyltoluene	13.735	119	908956	45.588	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	479619	45.793	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	472824	46.784	ug/l	100
89) n-Butylbenzene	14.059	91	701887	44.631	ug/l	98
90) Hexachloroethane	14.341	117	163876	46.314	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	466655	45.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	57103	43.221	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	170556	46.765	ug/l	95
94) Hexachlorobutadiene	15.506	225	78816	43.753	ug/l	98
95) Naphthalene	15.647	128	524228	42.732	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	179390	43.979	ug/l	98

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

