

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077940.D
 Acq On : 26 May 2023 21:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 29 01:29:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	350416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	629118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	241151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265846	50.704	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.400%			
35) Dibromofluoromethane	8.177	113	228262	55.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.280%			
50) Toluene-d8	10.577	98	854111	54.090	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.180%			
62) 4-Bromofluorobenzene	12.853	95	293718	52.667	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	185154	46.428	ug/l	100
3) Chloromethane	2.371	50	204670	48.346	ug/l	97
4) Vinyl Chloride	2.518	62	268006	53.303	ug/l	98
5) Bromomethane	2.954	94	195100	52.466	ug/l	97
6) Chloroethane	3.124	64	190406	52.547	ug/l	99
7) Trichlorofluoromethane	3.501	101	374624	53.463	ug/l	99
8) Diethyl Ether	3.971	74	133198	52.070	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	205659	53.035	ug/l	98
10) Methyl Iodide	4.595	142	286412	61.932	ug/l	98
11) Tert butyl alcohol	5.536	59	177163	244.835	ug/l	99
12) 1,1-Dichloroethene	4.348	96	199435	54.112	ug/l	91
13) Acrolein	4.189	56	104441	229.670	ug/l	92
14) Allyl chloride	5.036	41	262125	48.413	ug/l	93
15) Acrylonitrile	5.724	53	494120	255.599	ug/l	99
16) Acetone	4.442	43	385012	233.404	ug/l	98
17) Carbon Disulfide	4.718	76	489397	49.282	ug/l	100
18) Methyl Acetate	5.036	43	356873	51.570	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	710956	53.293	ug/l	96
20) Methylene Chloride	5.289	84	253492	59.413	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	226775	54.776	ug/l #	79
22) Diisopropyl ether	6.683	45	672475	52.989	ug/l	96
23) Vinyl Acetate	6.612	43	1998216	254.131	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	421538	54.218	ug/l	99
25) 2-Butanone	7.494	43	618150	239.556	ug/l	88
26) 2,2-Dichloropropane	7.500	77	309361	46.835	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	273227	55.041	ug/l	92
28) Bromochloromethane	7.824	49	164385	48.888	ug/l	90
29) Tetrahydrofuran	7.847	42	420683	248.980	ug/l #	84
30) Chloroform	7.977	83	463609	54.206	ug/l	96
31) Cyclohexane	8.265	56	356897	50.083	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	411774	56.629	ug/l	97
36) 1,1-Dichloropropene	8.377	75	339849	56.638	ug/l	98
37) Ethyl Acetate	7.571	43	268134	50.135	ug/l #	91
38) Carbon Tetrachloride	8.371	117	364423	60.144	ug/l	100
39) Methylcyclohexane	9.612	83	377748	51.422	ug/l	92
40) Benzene	8.612	78	1014482	57.293	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	139052	48.820	ug/l	93
42) 1,2-Dichloroethane	8.677	62	343770	53.445	ug/l	98
43) Isopropyl Acetate	8.700	43	456491	52.255	ug/l	95
44) Trichloroethene	9.359	130	265260	59.163	ug/l	99
45) 1,2-Dichloropropane	9.630	63	256864	56.872	ug/l	100
46) Dibromomethane	9.718	93	183474	56.770	ug/l	97
47) Bromodichloromethane	9.894	83	365179	59.019	ug/l	99
48) Methyl methacrylate	9.688	41	216510	52.275	ug/l	89
49) 1,4-Dioxane	9.700	88	91881	1174.539	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	1396017	268.845	ug/l	93
52) Toluene	10.635	92	656118	59.520	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	371340	56.673	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	405878	56.210	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	254473	58.139	ug/l	98
56) Ethyl methacrylate	10.882	69	375679	56.766	ug/l	92
57) 1,3-Dichloropropane	11.171	76	428485	57.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	728418	223.730	ug/l	92
59) 2-Hexanone	11.200	43	973037	253.343	ug/l	92
60) Dibromochloromethane	11.365	129	276853	61.270	ug/l	100
61) 1,2-Dibromoethane	11.477	107	255784	58.578	ug/l	100
64) Tetrachloroethene	11.112	164	255550	65.600	ug/l	97
65) Chlorobenzene	11.900	112	693543	57.431	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.971	131	258684	61.908	ug/l	99
67) Ethyl Benzene	11.971	91	1261151	58.276	ug/l	99
68) m/p-Xylenes	12.076	106	971327	118.454	ug/l	98
69) o-Xylene	12.406	106	474198	58.802	ug/l	98
70) Styrene	12.418	104	759689	59.301	ug/l	98
71) Bromoform	12.588	173	167981	60.432	ug/l #	99
73) Isopropylbenzene	12.706	105	1223481	58.857	ug/l	99
74) N-amyl acetate	12.500	43	372185	48.439	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	340382	53.227	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	298046m	49.351	ug/l	
77) Bromobenzene	12.988	156	266690	56.219	ug/l	99
78) n-propylbenzene	13.041	91	1394451	56.900	ug/l	100
79) 2-Chlorotoluene	13.135	91	842539	57.615	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1027851	58.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	93542	49.511	ug/l	90
82) 4-Chlorotoluene	13.229	91	792052	54.436	ug/l	97
83) tert-Butylbenzene	13.447	119	859064	56.325	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1020086	59.368	ug/l	98
85) sec-Butylbenzene	13.623	105	1184830	54.661	ug/l	100
86) p-Isopropyltoluene	13.735	119	976092	56.485	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	487591	55.579	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	472468	54.272	ug/l	100
89) n-Butylbenzene	14.065	91	791522	49.799	ug/l	98
90) Hexachloroethane	14.341	117	162718	57.319	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	479115	58.459	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	56861	45.927	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	202009	42.179	ug/l	98
94) Hexachlorobutadiene	15.512	225	80339	40.401	ug/l	98
95) Naphthalene	15.647	128	634870	38.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	206835	44.108	ug/l	96

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

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