

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076222.D
 Acq On : 12 Jan 2023 11:51
 Operator : JC\MD
 Sample : VN0112WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2023
 Supervised By : Mahesh Dadoda 01/13/2023

Quant Time: Jan 13 01:55:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	332311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	476448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	177233	49.024	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.040%		
35) Dibromofluoromethane	8.171	113	162791	49.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.380%		
50) Toluene-d8	10.571	98	572657	46.746	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.500%		
62) 4-Bromofluorobenzene	12.853	95	200507	49.417	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	55175	23.384	ug/l	97
3) Chloromethane	2.371	50	55438	18.895	ug/l	98
4) Vinyl Chloride	2.530	62	67076	19.165	ug/l	99
5) Bromomethane	2.948	94	55963	18.815	ug/l	93
6) Chloroethane	3.124	64	51209	19.758	ug/l	98
7) Trichlorofluoromethane	3.506	101	108128	20.361	ug/l	93
8) Diethyl Ether	3.977	74	36650	18.895	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	58477	19.283	ug/l	100
10) Methyl Iodide	4.600	142	88382	17.959	ug/l	99
11) Tert butyl alcohol	5.541	59	49941	97.627	ug/l	100
12) 1,1-Dichloroethene	4.347	96	52873	17.952	ug/l	94
13) Acrolein	4.189	56	66039	105.301	ug/l	99
14) Allyl chloride	5.024	41	69057	20.057	ug/l	99
15) Acrylonitrile	5.730	53	128705	92.196	ug/l	97
16) Acetone	4.442	43	107190	86.011	ug/l	97
17) Carbon Disulfide	4.724	76	111606	15.651	ug/l	100
18) Methyl Acetate	5.036	43	75150	20.400	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	197557	20.369	ug/l	98
20) Methylene Chloride	5.289	84	63418	18.621	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	56177	17.417	ug/l	94
22) Diisopropyl ether	6.683	45	161397	19.297	ug/l	99
23) Vinyl Acetate	6.618	43	520906	92.532	ug/l	99
24) 1,1-Dichloroethane	6.583	63	102954	18.457	ug/l	99
25) 2-Butanone	7.494	43	164584	94.319	ug/l	93
26) 2,2-Dichloropropane	7.500	77	86765	18.368	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	69722	18.074	ug/l	97
28) Bromochloromethane	7.824	49	46771	19.131	ug/l	100
29) Tetrahydrofuran	7.847	42	105915	96.857	ug/l	99
30) Chloroform	7.971	83	114189	18.182	ug/l	99
31) Cyclohexane	8.265	56	92138	17.795	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	101926	18.306	ug/l	97
36) 1,1-Dichloropropene	8.377	75	80606	18.520	ug/l	99
37) Ethyl Acetate	7.571	43	68832	19.688	ug/l	99
38) Carbon Tetrachloride	8.365	117	89060	18.282	ug/l	98
39) Methylcyclohexane	9.606	83	100619	19.162	ug/l	95
40) Benzene	8.612	78	247961	18.465	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	35342	19.448	ug/l	96
42) 1,2-Dichloroethane	8.677	62	86700	19.420	ug/l	100
43) Isopropyl Acetate	8.694	43	114868	19.918	ug/l	99
44) Trichloroethene	9.359	130	66861	17.673	ug/l	91
45) 1,2-Dichloropropane	9.624	63	59439	18.189	ug/l	99
46) Dibromomethane	9.712	93	46275	19.092	ug/l	100
47) Bromodichloromethane	9.894	83	88321	18.582	ug/l	99
48) Methyl methacrylate	9.682	41	51026	19.645	ug/l	97
49) 1,4-Dioxane	9.700	88	26072	408.292	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	343088	98.372	ug/l	99
52) Toluene	10.635	92	161740	18.493	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	86499	18.591	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	97824	19.149	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65955	19.213	ug/l	98
56) Ethyl methacrylate	10.876	69	90271	19.798	ug/l	97
57) 1,3-Dichloropropane	11.165	76	108159	19.208	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	131014	90.248	ug/l	99
59) 2-Hexanone	11.200	43	246531	96.928	ug/l	99
60) Dibromochloromethane	11.359	129	70176	18.382	ug/l	99
61) 1,2-Dibromoethane	11.470	107	67835	19.527	ug/l	98
64) Tetrachloroethene	11.106	164	70302	20.969	ug/l	99
65) Chlorobenzene	11.894	112	177208	18.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	66755	18.430	ug/l	100
67) Ethyl Benzene	11.965	91	306299	18.559	ug/l	99
68) m/p-Xylenes	12.070	106	247352	37.865	ug/l	99
69) o-Xylene	12.400	106	120993	18.716	ug/l	100
70) Styrene	12.412	104	197009	19.167	ug/l	99
71) Bromoform	12.582	173	48990	18.587	ug/l #	100
73) Isopropylbenzene	12.700	105	315050	19.292	ug/l	99
74) N-amyl acetate	12.494	43	91573	19.114	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	92193	18.261	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	89451m	19.636	ug/l	
77) Bromobenzene	12.982	156	76775	18.576	ug/l	98
78) n-propylbenzene	13.041	91	350218	19.443	ug/l	100
79) 2-Chlorotoluene	13.129	91	213314	18.972	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	265366	19.415	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23889	18.876	ug/l #	87
82) 4-Chlorotoluene	13.129	91	213314	18.972	ug/l	99
83) tert-Butylbenzene	13.441	119	242394	20.114	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	265452	19.577	ug/l	99
85) sec-Butylbenzene	13.617	105	321706	19.341	ug/l	99
86) p-Isopropyltoluene	13.735	119	274833	19.858	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	140418	18.393	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	141860	18.189	ug/l	99
89) n-Butylbenzene	14.059	91	209541	18.688	ug/l	99
90) Hexachloroethane	14.341	117	45591	18.415	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	142115	18.899	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15918	17.769	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	68585	18.422	ug/l	100
94) Hexachlorobutadiene	15.500	225	37835	18.627	ug/l	99
95) Naphthalene	15.647	128	199036	17.656	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66368	19.073	ug/l	98

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

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