

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080738.D
 Acq On : 22 Jan 2024 15:10
 Operator : JC\MD
 Sample : VN0122WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

Quant Time: Jan 23 03:54:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121038	48.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	8.165	113	88394	54.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.840%		
50) Toluene-d8	10.565	98	357628	58.273	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	116.540%#		
62) 4-Bromofluorobenzene	12.847	95	120101	51.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40761	17.508	ug/l	98
3) Chloromethane	2.359	50	61584	23.373	ug/l	95
4) Vinyl Chloride	2.518	62	46281	21.911	ug/l	98
5) Bromomethane	2.965	94	19418	24.187	ug/l	88
6) Chloroethane	3.124	64	26821	23.504	ug/l	95
7) Trichlorofluoromethane	3.506	101	63823	18.297	ug/l	89
8) Diethyl Ether	3.959	74	29363	19.262	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	4.365	101	38109	20.045	ug/l	93
10) Methyl Iodide	4.595	142	31682	19.929	ug/l	89
11) Tert butyl alcohol	5.512	59	34271	80.527	ug/l #	92
12) 1,1-Dichloroethene	4.342	96	38598	18.041	ug/l #	80
13) Acrolein	4.177	56	42240	118.786	ug/l	97
14) Allyl chloride	5.024	41	79668	18.785	ug/l #	91
15) Acrylonitrile	5.718	53	113012	101.689	ug/l	100
16) Acetone	4.424	43	74439	90.100	ug/l	96
17) Carbon Disulfide	4.712	76	120530	18.419	ug/l	97
18) Methyl Acetate	5.012	43	51951	21.116	ug/l #	88
19) Methyl tert-butyl Ether	5.789	73	142644	19.349	ug/l #	90
20) Methylene Chloride	5.277	84	48733	20.206	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	43771	20.170	ug/l #	72
22) Diisopropyl ether	6.665	45	180281	22.542	ug/l #	84
23) Vinyl Acetate	6.600	43	671263	103.125	ug/l #	83
24) 1,1-Dichloroethane	6.571	63	92577	21.147	ug/l	93
25) 2-Butanone	7.483	43	144615	96.836	ug/l #	79
26) 2,2-Dichloropropane	7.488	77	71985	18.801	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	51145	21.379	ug/l	81
28) Bromochloromethane	7.812	49	46779	22.857	ug/l #	61
29) Tetrahydrofuran	7.835	42	97195	96.560	ug/l #	74
30) Chloroform	7.965	83	84117	20.496	ug/l	84
31) Cyclohexane	8.259	56	80010	20.579	ug/l #	71
32) 1,1,1-Trichloroethane	8.165	97	69023	18.893	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	67043	20.335	ug/l	93
37) Ethyl Acetate	7.559	43	63729	19.934	ug/l #	87
38) Carbon Tetrachloride	8.365	117	54205	18.311	ug/l	89
39) Methylcyclohexane	9.600	83	65163	20.653	ug/l #	89
40) Benzene	8.606	78	201168	21.705	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37810	20.389	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	68658	19.350	ug/l	96
43) Isopropyl Acetate	8.688	43	116075	19.752	ug/l #	90
44) Trichloroethene	9.353	130	42813	20.404	ug/l	94
45) 1,2-Dichloropropane	9.618	63	55885	22.743	ug/l	91
46) Dibromomethane	9.706	93	31274	20.117	ug/l	95
47) Bromodichloromethane	9.888	83	68232	19.774	ug/l #	95
48) Methyl methacrylate	9.677	41	54488	19.584	ug/l #	75
49) 1,4-Dioxane	9.688	88	13489	389.097	ug/l #	73
51) 4-Methyl-2-Pentanone	10.441	43	315443	99.497	ug/l	88
52) Toluene	10.629	92	116634	21.964	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	77240	20.167	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	84078	20.701	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	44426	21.735	ug/l	96
56) Ethyl methacrylate	10.871	69	72086	19.690	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	82548	22.122	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	166307	94.843	ug/l #	84
59) 2-Hexanone	11.194	43	235434	100.595	ug/l	85
60) Dibromochloromethane	11.359	129	43087	20.511	ug/l	97
61) 1,2-Dibromoethane	11.471	107	41479	20.644	ug/l	95
64) Tetrachloroethene	11.106	164	33463	20.476	ug/l	92
65) Chlorobenzene	11.894	112	109135	20.990	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	38455	20.832	ug/l	96
67) Ethyl Benzene	11.965	91	212089	21.362	ug/l	92
68) m/p-Xylenes	12.070	106	158155	45.311	ug/l	96
69) o-Xylene	12.400	106	76246	22.341	ug/l	91
70) Styrene	12.412	104	124108	21.415	ug/l	95
71) Bromoform	12.582	173	25501	20.080	ug/l #	96
73) Isopropylbenzene	12.694	105	182176	20.556	ug/l	99
74) N-amyl acetate	12.494	43	102703	19.310	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	57563	19.800	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	56122m	19.528	ug/l	
77) Bromobenzene	12.982	156	37382	19.859	ug/l	72
78) n-propylbenzene	13.035	91	224919	20.688	ug/l	96
79) 2-Chlorotoluene	13.123	91	136790	19.633	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	150320	20.352	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	22291	18.285	ug/l #	78
82) 4-Chlorotoluene	13.223	91	133267	19.511	ug/l	93
83) tert-Butylbenzene	13.441	119	122874	20.810	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	151832	20.905	ug/l	100
85) sec-Butylbenzene	13.617	105	175339	20.899	ug/l	96
86) p-Isopropyltoluene	13.729	119	137418	20.739	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	67288	20.013	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	68062	19.871	ug/l	97
89) n-Butylbenzene	14.059	91	133023	20.828	ug/l	96
90) Hexachloroethane	14.335	117	23501	19.125	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	66655	21.038	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10748	15.898	ug/l	84
93) 1,2,4-Trichlorobenzene	15.388	180	31767	19.252	ug/l	98
94) Hexachlorobutadiene	15.500	225	14510	18.324	ug/l	96
95) Naphthalene	15.641	128	114610	17.649	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	30639	19.183	ug/l	98

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

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