

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079841.D
 Acq On : 03 Nov 2023 11:54
 Operator : JC\MD
 Sample : VN1103WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 00:49:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/04/2023
 Supervised By :Mahesh
 Dadoda
 11/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	1

Internal Standards							
1) Pentafluorobenzene	8.230	168	307356	50.000	ug/l	0.00	
34) 1,4-Difluorobenzene	9.100	114	527259	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.871	117	484426	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.794	152	213799	50.000	ug/l	0.00	
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.583	65	244374	52.187	ug/l	0.00	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.380%	
35) Dibromofluoromethane	8.165	113	188791	50.591	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.180%	
50) Toluene-d8	10.571	98	708500	51.573	ug/l	0.00	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.140%	
62) 4-Bromofluorobenzene	12.847	95	231246	50.755	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.500%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	2.124	85	80335	21.699	ug/l	99	
3) Chloromethane	2.359	50	88457	18.343	ug/l	99	
4) Vinyl Chloride	2.512	62	110944	22.893	ug/l	96	
5) Bromomethane	2.953	94	65670	22.303	ug/l	91	
6) Chloroethane	3.118	64	85646	22.367	ug/l	96	
7) Trichlorofluoromethane	3.495	101	121956	20.233	ug/l	99	
8) Diethyl Ether	3.959	74	42960	18.782	ug/l	61	
9) 1,1,2-Trichlorotrifluo...	4.377	101	70712	20.237	ug/l	98	
10) Methyl Iodide	4.595	142	73716	18.474	ug/l	97	
11) Tert butyl alcohol	5.518	59	50084	83.786	ug/l	99	
12) 1,1-Dichloroethene	4.348	96	66162	19.999	ug/l	# 78	
13) Acrolein	4.177	56	60867	117.990	ug/l	99	
14) Allyl chloride	5.024	41	102195	20.168	ug/l	# 91	
15) Acrylonitrile	5.718	53	184353	98.964	ug/l	99	
16) Acetone	4.424	43	177874	108.141	ug/l	93	
17) Carbon Disulfide	4.712	76	183843	19.265	ug/l	98	
18) Methyl Acetate	5.024	43	153892	19.556	ug/l	# 84	
19) Methyl tert-butyl Ether	5.794	73	224718	19.729	ug/l	# 91	
20) Methylene Chloride	5.277	84	80996	19.515	ug/l	# 78	
21) trans-1,2-Dichloroethene	5.789	96	72852	19.744	ug/l	# 80	
22) Diisopropyl ether	6.671	45	261036	22.230	ug/l	# 89	
23) Vinyl Acetate	6.606	43	660347	101.948	ug/l	# 86	
24) 1,1-Dichloroethane	6.565	63	156328	21.903	ug/l	97	
25) 2-Butanone	7.488	43	244346	101.446	ug/l	# 83	
26) 2,2-Dichloropropane	7.494	77	124856	21.152	ug/l	98	
27) cis-1,2-Dichloroethene	7.488	96	87986	19.935	ug/l	85	
28) Bromochloromethane	7.812	49	72987	20.984	ug/l	# 75	
29) Tetrahydrofuran	7.841	42	157391	100.436	ug/l	# 75	
30) Chloroform	7.971	83	158842	20.488	ug/l	93	
31) Cyclohexane	8.259	56	126575	20.456	ug/l	89	
32) 1,1,1-Trichloroethane	8.171	97	133414	21.120	ug/l	97	
36) 1,1-Dichloropropene	8.371	75	114910	21.566	ug/l	94	
37) Ethyl Acetate	7.565	43	97375	19.927	ug/l	# 91	
38) Carbon Tetrachloride	8.365	117	112923	21.029	ug/l	98	
39) Methylcyclohexane	9.606	83	102752	20.491	ug/l	# 82	
40) Benzene	8.606	78	345053	21.621	ug/l	100	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	55918	21.549	ug/l	#	84
42) 1,2-Dichloroethane	8.671	62	125603	22.531	ug/l		98
43) Isopropyl Acetate	8.688	43	163411	19.068	ug/l	#	92
44) Trichloroethene	9.353	130	81984	20.702	ug/l		95
45) 1,2-Dichloropropane	9.624	63	92365	22.647	ug/l		94
46) Dibromomethane	9.712	93	59045	21.203	ug/l		97
47) Bromodichloromethane	9.888	83	123452	20.786	ug/l		98
48) Methyl methacrylate	9.682	41	77923	20.759	ug/l	#	81
49) 1,4-Dioxane	9.700	88	25222	380.269	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.447	43	503385	104.335	ug/l		90
52) Toluene	10.635	92	204934	21.661	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	122197	20.988	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	136275	21.474	ug/l	#	91
55) 1,1,2-Trichloroethane	11.018	97	79965	21.013	ug/l		94
56) Ethyl methacrylate	10.876	69	108221	19.937	ug/l	#	79
57) 1,3-Dichloropropane	11.165	76	145237	21.652	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	263888	95.919	ug/l	#	87
59) 2-Hexanone	11.200	43	368724	99.901	ug/l		87
60) Dibromochloromethane	11.359	129	84865	20.834	ug/l		99
61) 1,2-Dibromoethane	11.471	107	77566	20.308	ug/l		98
64) Tetrachloroethene	11.106	164	70070	22.334	ug/l		95
65) Chlorobenzene	11.894	112	214932	20.454	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	81279	21.468	ug/l		97
67) Ethyl Benzene	11.965	91	372285	20.335	ug/l		98
68) m/p-Xylenes	12.071	106	282153	41.372	ug/l		95
69) o-Xylene	12.400	106	134698	20.510	ug/l		93
70) Styrene	12.412	104	225958	21.409	ug/l		98
71) Bromoform	12.582	173	54267	20.186	ug/l	#	99
73) Isopropylbenzene	12.700	105	335487	20.676	ug/l		99
74) N-amyl acetate	12.494	43	133663	18.872	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	114850	19.963	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	100493m	20.021	ug/l		
77) Bromobenzene	12.982	156	82321	20.722	ug/l		96
78) n-propylbenzene	13.035	91	404020	21.743	ug/l		96
79) 2-Chlorotoluene	13.129	91	247399	20.842	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	270066	21.393	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	37495	20.324	ug/l	#	86
82) 4-Chlorotoluene	13.223	91	245076	20.777	ug/l		99
83) tert-Butylbenzene	13.441	119	221976	21.481	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	274474	22.098	ug/l		98
85) sec-Butylbenzene	13.617	105	313257	21.880	ug/l		99
86) p-Isopropyltoluene	13.729	119	251891	21.580	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	151178	20.457	ug/l		97
88) 1,4-Dichlorobenzene	13.812	146	148026	19.734	ug/l		98
89) n-Butylbenzene	14.059	91	207579	20.647	ug/l		98
90) Hexachloroethane	14.335	117	48729	21.079	ug/l		92
91) 1,2-Dichlorobenzene	14.106	146	142931	20.488	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18400	18.860	ug/l		97
93) 1,2,4-Trichlorobenzene	15.394	180	65887	19.863	ug/l		98
94) Hexachlorobutadiene	15.506	225	32101	21.347	ug/l		98
95) Naphthalene	15.641	128	174202	15.486	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	60335	18.556	ug/l		94

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

