

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079742.D
 Acq On : 31 Oct 2023 14:22
 Operator : JC\MD
 Sample : VN1031WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01

Quant Time: Nov 01 01:19:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Semsettin Yesilyurt 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	288147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	457415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	233502	50.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.920%			
35) Dibromofluoromethane	8.171	113	181932	50.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	10.571	98	684412	51.131	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.260%			
62) 4-Bromofluorobenzene	12.853	95	213849	50.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	74799	19.664	ug/l	100
3) Chloromethane	2.365	50	87965	19.089	ug/l	99
4) Vinyl Chloride	2.518	62	93402	18.821	ug/l	93
5) Bromomethane	2.959	94	59142	18.155	ug/l	96
6) Chloroethane	3.124	64	67128	18.465	ug/l	93
7) Trichlorofluoromethane	3.500	101	109093	18.694	ug/l	98
8) Diethyl Ether	3.965	74	41574	19.686	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	61689	18.251	ug/l	97
10) Methyl Iodide	4.594	142	69072	20.304	ug/l	97
11) Tert butyl alcohol	5.518	59	48508	79.035	ug/l	100
12) 1,1-Dichloroethene	4.347	96	58575	18.502	ug/l	83
13) Acrolein	4.183	56	51822	83.937	ug/l	94
14) Allyl chloride	5.024	41	93568	17.624	ug/l #	90
15) Acrylonitrile	5.724	53	173200	91.708	ug/l	97
16) Acetone	4.430	43	138670	70.045	ug/l	89
17) Carbon Disulfide	4.712	76	167628	17.339	ug/l	98
18) Methyl Acetate	5.030	43	145725	18.245	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	200250	18.694	ug/l	94
20) Methylene Chloride	5.283	84	73932	18.859	ug/l #	82
21) trans-1,2-Dichloroethene	5.794	96	65005	18.090	ug/l #	84
22) Diisopropyl ether	6.677	45	232015	19.438	ug/l #	91
23) Vinyl Acetate	6.612	43	601012	91.457	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	135895	19.000	ug/l	99
25) 2-Butanone	7.488	43	222948	81.985	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	107124	18.509	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	79750	19.275	ug/l	88
28) Bromochloromethane	7.818	49	70160	20.055	ug/l #	73
29) Tetrahydrofuran	7.847	42	151836	91.394	ug/l #	74
30) Chloroform	7.971	83	139730	19.401	ug/l	90
31) Cyclohexane	8.259	56	114391	18.120	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	116462	18.654	ug/l	96
36) 1,1-Dichloropropene	8.371	75	100796	18.922	ug/l	94
37) Ethyl Acetate	7.565	43	98961	18.743	ug/l #	89
38) Carbon Tetrachloride	8.365	117	100427	18.906	ug/l	98
39) Methylcyclohexane	9.606	83	96188	18.154	ug/l #	80
40) Benzene	8.612	78	301704	19.190	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	51087	18.552	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	109663	19.205	ug/l	98
43) Isopropyl Acetate	8.694	43	159008	18.838	ug/l #	90
44) Trichloroethene	9.359	130	72288	18.981	ug/l	91
45) 1,2-Dichloropropane	9.624	63	79783	19.107	ug/l	96
46) Dibromomethane	9.712	93	52897	18.783	ug/l	99
47) Bromodichloromethane	9.894	83	109314	19.349	ug/l	99
48) Methyl methacrylate	9.682	41	73709	18.835	ug/l #	80
49) 1,4-Dioxane	9.700	88	23772	345.200	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	487277	92.778	ug/l	88
52) Toluene	10.635	92	187669	19.553	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	107423	18.830	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	121110	19.403	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	72514	19.104	ug/l	90
56) Ethyl methacrylate	10.876	69	99744	18.607	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	128868	19.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	176371	89.304	ug/l	90
59) 2-Hexanone	11.200	43	330726	85.641	ug/l	88
60) Dibromochloromethane	11.365	129	73807	18.791	ug/l	99
61) 1,2-Dibromoethane	11.470	107	69946	18.496	ug/l	100
64) Tetrachloroethene	11.106	164	61759	19.033	ug/l	97
65) Chlorobenzene	11.894	112	186519	18.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	70212	18.664	ug/l	98
67) Ethyl Benzene	11.965	91	337057	18.897	ug/l	100
68) m/p-Xylenes	12.070	106	250914	38.035	ug/l	94
69) o-Xylene	12.400	106	118484	18.678	ug/l	93
70) Styrene	12.412	104	193188	19.012	ug/l	97
71) Bromoform	12.582	173	47204	17.519	ug/l #	99
73) Isopropylbenzene	12.700	105	303333	18.354	ug/l	100
74) N-amyl acetate	12.494	43	115324	17.544	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	102129	17.455	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	91601m	18.489	ug/l	
77) Bromobenzene	12.982	156	72184	18.573	ug/l	96
78) n-propylbenzene	13.035	91	370290	19.450	ug/l	97
79) 2-Chlorotoluene	13.129	91	218774	18.435	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	255475	18.964	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27146	16.527	ug/l #	80
82) 4-Chlorotoluene	13.223	91	209924	18.416	ug/l	99
83) tert-Butylbenzene	13.441	119	205889	18.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	248119	19.091	ug/l	100
85) sec-Butylbenzene	13.617	105	289432	18.794	ug/l	99
86) p-Isopropyltoluene	13.729	119	230237	18.771	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	118338	17.998	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	116016	17.712	ug/l	99
89) n-Butylbenzene	14.059	91	185517	19.037	ug/l	100
90) Hexachloroethane	14.335	117	47102	18.174	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	114113	17.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15450	17.122	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	30412	15.954	ug/l	97
94) Hexachlorobutadiene	15.506	225	29191	17.259	ug/l	95
95) Naphthalene	15.647	128	86868	15.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35008	16.446	ug/l	99

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

