

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079290.D
 Acq On : 18 Sep 2023 17:13
 Operator : JC\MD
 Sample : VN0918WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD02

Quant Time: Sep 19 01:25:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	196478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	305557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133340	50.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.540%	
35) Dibromofluoromethane	8.171	113	105612	45.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.940%	
50) Toluene-d8	10.571	98	394320	46.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.480%	
62) 4-Bromofluorobenzene	12.853	95	121070	44.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	33882	17.428	ug/l	97
3) Chloromethane	2.365	50	42507	16.656	ug/l	95
4) Vinyl Chloride	2.518	62	49026	17.631	ug/l	97
5) Bromomethane	2.954	94	28976	18.129	ug/l	100
6) Chloroethane	3.124	64	34271	18.658	ug/l	96
7) Trichlorofluoromethane	3.501	101	68694	16.870	ug/l	98
8) Diethyl Ether	3.971	74	22095	15.634	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	34419	15.894	ug/l	98
10) Methyl Iodide	4.589	142	34304	19.366	ug/l	94
11) Tert butyl alcohol	5.524	59	32377	66.121	ug/l	98
12) 1,1-Dichloroethene	4.342	96	31463	15.014	ug/l	86
13) Acrolein	4.183	56	39370	84.288	ug/l	97
14) Allyl chloride	5.024	41	50897	15.226	ug/l #	91
15) Acrylonitrile	5.730	53	99810	78.610	ug/l	98
16) Acetone	4.430	43	101408	90.026	ug/l	95
17) Carbon Disulfide	4.718	76	87475	13.356	ug/l	98
18) Methyl Acetate	5.024	43	74608	16.116	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	114974	15.998	ug/l	99
20) Methylene Chloride	5.283	84	41258	15.051	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	37180	15.295	ug/l	94
22) Diisopropyl ether	6.671	45	128405	17.507	ug/l #	88
23) Vinyl Acetate	6.612	43	369137	81.824	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	73849	16.333	ug/l	97
25) 2-Butanone	7.489	43	138239	84.583	ug/l #	83
26) 2,2-Dichloropropane	7.500	77	62814	16.929	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	43849	15.775	ug/l	86
28) Bromochloromethane	7.812	49	31984	15.645	ug/l #	74
29) Tetrahydrofuran	7.841	42	81871	78.716	ug/l #	78
30) Chloroform	7.971	83	77409	16.443	ug/l	98
31) Cyclohexane	8.259	56	61135	15.786	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	64908	16.175	ug/l	96
36) 1,1-Dichloropropene	8.371	75	54813	15.478	ug/l	95
37) Ethyl Acetate	7.565	43	55783	15.792	ug/l #	91
38) Carbon Tetrachloride	8.371	117	56156	15.323	ug/l	93
39) Methylcyclohexane	9.606	83	51353	14.701	ug/l #	86
40) Benzene	8.606	78	166848	15.390	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28387	15.939	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	60524	16.217	ug/l	96
43) Isopropyl Acetate	8.694	43	92660	16.077	ug/l #	87
44) Trichloroethene	9.353	130	39728	14.876	ug/l	92
45) 1,2-Dichloropropane	9.624	63	44790	16.647	ug/l	99
46) Dibromomethane	9.712	93	28231	15.457	ug/l	95
47) Bromodichloromethane	9.894	83	61232	16.368	ug/l	97
48) Methyl methacrylate	9.683	41	40735	15.779	ug/l #	81
49) 1,4-Dioxane	9.700	88	15254	287.272	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	269405	80.522	ug/l	88
52) Toluene	10.635	92	99279	14.901	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	60404	15.313	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	65664	15.564	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	40802	15.607	ug/l	95
56) Ethyl methacrylate	10.877	69	54508	14.770	ug/l #	76
57) 1,3-Dichloropropane	11.165	76	70221	15.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	104338	72.839	ug/l	91
59) 2-Hexanone	11.200	43	193961	80.041	ug/l	87
60) Dibromochloromethane	11.365	129	41073	14.762	ug/l	97
61) 1,2-Dibromoethane	11.471	107	39313	15.069	ug/l	99
64) Tetrachloroethene	11.106	164	31707	14.231	ug/l	91
65) Chlorobenzene	11.894	112	102401	14.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	40252	15.507	ug/l	98
67) Ethyl Benzene	11.965	91	184235	15.560	ug/l	95
68) m/p-Xylenes	12.076	106	137615	31.183	ug/l	96
69) o-Xylene	12.400	106	64802	15.310	ug/l	92
70) Styrene	12.412	104	104950	15.417	ug/l	96
71) Bromoform	12.582	173	27664	14.437	ug/l #	99
73) Isopropylbenzene	12.700	105	168357	15.273	ug/l	98
74) N-amyl acetate	12.500	43	63638	15.217	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	60961	14.852	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	54118m	16.574	ug/l	
77) Bromobenzene	12.988	156	39379	14.109	ug/l	96
78) n-propylbenzene	13.041	91	195150	15.760	ug/l	96
79) 2-Chlorotoluene	13.129	91	121833	15.043	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	138376	15.066	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	16211	13.649	ug/l #	82
82) 4-Chlorotoluene	13.223	91	117138	15.393	ug/l	97
83) tert-Butylbenzene	13.441	119	108121	14.230	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	134663	15.395	ug/l	100
85) sec-Butylbenzene	13.623	105	158815	15.182	ug/l	100
86) p-Isopropyltoluene	13.735	119	125450	15.011	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66460	14.517	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	67026	14.489	ug/l	100
89) n-Butylbenzene	14.059	91	98694	15.018	ug/l	96
90) Hexachloroethane	14.335	117	26066	15.359	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	66248	14.659	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9113	14.605	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	19350	11.915	ug/l	97
94) Hexachlorobutadiene	15.506	225	15596	12.208	ug/l	97
95) Naphthalene	15.647	128	50593	10.489	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	22326	11.654	ug/l	97

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

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