

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078462.D
 Acq On : 11 Jul 2023 14:00
 Operator : JC\MD
 Sample : VN0711WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBSD01

Quant Time: Jul 12 01:33:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	422349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	757072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	677021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	324535	57.318	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.640%	
35) Dibromofluoromethane	8.177	113	270140	52.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.120%	
50) Toluene-d8	10.571	98	1001221	51.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.853	95	307522	51.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	90944	17.563	ug/l	96
3) Chloromethane	2.371	50	101098	17.963	ug/l	97
4) Vinyl Chloride	2.518	62	125417	17.226	ug/l	94
5) Bromomethane	2.959	94	98559	18.244	ug/l	97
6) Chloroethane	3.130	64	87304	18.617	ug/l	96
7) Trichlorofluoromethane	3.500	101	156882	18.026	ug/l	100
8) Diethyl Ether	3.971	74	60055	20.711	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	85658	18.592	ug/l	96
10) Methyl Iodide	4.600	142	123463	19.502	ug/l	98
11) Tert butyl alcohol	5.524	59	90978m	104.201	ug/l	
12) 1,1-Dichloroethene	4.347	96	82597	18.534	ug/l	97
13) Acrolein	4.194	56	72566	84.476	ug/l	96
14) Allyl chloride	5.036	41	111041	18.235	ug/l	95
15) Acrylonitrile	5.736	53	225525	102.233	ug/l	99
16) Acetone	4.441	43	172482	97.794	ug/l	98
17) Carbon Disulfide	4.724	76	216198	16.777	ug/l	97
18) Methyl Acetate	5.041	43	152732	20.456	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	307607	20.949	ug/l	98
20) Methylene Chloride	5.289	84	112204	21.481	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	94676	18.852	ug/l	91
22) Diisopropyl ether	6.683	45	286998	21.048	ug/l #	92
23) Vinyl Acetate	6.612	43	886381	102.252	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	176757	19.238	ug/l	98
25) 2-Butanone	7.494	43	291687	105.062	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	138875	18.480	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	116584	20.068	ug/l	97
28) Bromochloromethane	7.818	49	102085	23.589	ug/l	94
29) Tetrahydrofuran	7.847	42	182240	100.036	ug/l	87
30) Chloroform	7.977	83	196438	20.536	ug/l	96
31) Cyclohexane	8.271	56	129715	16.952	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	159298	18.574	ug/l	99
36) 1,1-Dichloropropene	8.382	75	133980	18.055	ug/l	97
37) Ethyl Acetate	7.571	43	116980	18.911	ug/l	97
38) Carbon Tetrachloride	8.371	117	141759	17.577	ug/l	96
39) Methylcyclohexane	9.606	83	115029	16.982	ug/l	96
40) Benzene	8.618	78	419091	19.063	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	65404	20.740	ug/l	92
42) 1,2-Dichloroethane	8.677	62	152158	20.348	ug/l	98
43) Isopropyl Acetate	8.700	43	208813	20.503	ug/l	94
44) Trichloroethene	9.359	130	108968	18.391	ug/l	97
45) 1,2-Dichloropropane	9.629	63	111712	20.063	ug/l	98
46) Dibromomethane	9.712	93	80717	20.597	ug/l	95
47) Bromodichloromethane	9.894	83	152457	19.407	ug/l	96
48) Methyl methacrylate	9.688	41	90940	19.274	ug/l	91
49) 1,4-Dioxane	9.700	88	39492	383.799	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	616533	101.775	ug/l	94
52) Toluene	10.635	92	266412	19.553	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	162267	20.163	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	171462	19.987	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	106977	19.928	ug/l	93
56) Ethyl methacrylate	10.882	69	147311	19.630	ug/l #	88
57) 1,3-Dichloropropane	11.170	76	186064	20.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	265366	99.228	ug/l	93
59) 2-Hexanone	11.200	43	428914	99.624	ug/l	91
60) Dibromochloromethane	11.365	129	120452	20.324	ug/l	97
61) 1,2-Dibromoethane	11.476	107	113051	20.443	ug/l	99
64) Tetrachloroethene	11.106	164	94962	18.657	ug/l	95
65) Chlorobenzene	11.900	112	278514	18.404	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	111063	19.078	ug/l	99
67) Ethyl Benzene	11.970	91	465523	18.199	ug/l	99
68) m/p-Xylenes	12.076	106	359390	38.000	ug/l	99
69) o-Xylene	12.406	106	175328	18.354	ug/l	97
70) Styrene	12.417	104	284907	19.064	ug/l	97
71) Bromoform	12.582	173	78831	19.994	ug/l #	98
73) Isopropylbenzene	12.700	105	423677	16.991	ug/l	99
74) N-amyl acetate	12.500	43	151309	17.608	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	152552	20.049	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	122480m	19.095	ug/l	
77) Bromobenzene	12.988	156	104992	18.385	ug/l	99
78) n-propylbenzene	13.041	91	463055	17.364	ug/l	100
79) 2-Chlorotoluene	13.129	91	305396	17.484	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	346491	17.587	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	47676	19.532	ug/l	90
82) 4-Chlorotoluene	13.229	91	289092	17.742	ug/l	98
83) tert-Butylbenzene	13.441	119	287246	17.172	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	335428	17.528	ug/l	98
85) sec-Butylbenzene	13.623	105	356716	16.872	ug/l	100
86) p-Isopropyltoluene	13.735	119	288155	16.973	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	168878	17.642	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	165860	17.202	ug/l	99
89) n-Butylbenzene	14.059	91	203623	16.763	ug/l	97
90) Hexachloroethane	14.335	117	56971	17.731	ug/l	83
91) 1,2-Dichlorobenzene	14.111	146	166331	17.460	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22765	17.835	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	44090	14.502	ug/l	96
94) Hexachlorobutadiene	15.505	225	29029	15.609	ug/l	98
95) Naphthalene	15.647	128	138807	13.355	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	55514	15.879	ug/l	99

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

