

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076274.D
 Acq On : 17 Jan 2023 12:48
 Operator : JC\MD
 Sample : VN0117WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBSD01

Quant Time: Jan 18 00:52:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	330921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	533093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	475087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	194572	52.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.020%	
35) Dibromofluoromethane	8.177	113	170975	51.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	10.571	98	636516	51.684	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.360%	
62) 4-Bromofluorobenzene	12.853	95	215822	53.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	63174	18.629	ug/l	97
3) Chloromethane	2.377	50	64329	18.322	ug/l	95
4) Vinyl Chloride	2.530	62	79327	18.426	ug/l	100
5) Bromomethane	2.959	94	68588	19.454	ug/l	95
6) Chloroethane	3.130	64	66996	20.753	ug/l	98
7) Trichlorofluoromethane	3.512	101	108550	18.327	ug/l	98
8) Diethyl Ether	3.977	74	38326	19.292	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	61901	18.461	ug/l	98
10) Methyl Iodide	4.600	142	95757	18.696	ug/l	99
11) Tert butyl alcohol	5.536	59	46773	94.376	ug/l	98
12) 1,1-Dichloroethene	4.359	96	57102	18.015	ug/l	98
13) Acrolein	4.194	56	57944	97.764	ug/l	97
14) Allyl chloride	5.036	41	69535	18.825	ug/l	96
15) Acrylonitrile	5.730	53	137760	97.679	ug/l	99
16) Acetone	4.441	43	127311	107.140	ug/l	96
17) Carbon Disulfide	4.730	76	139783	17.712	ug/l	96
18) Methyl Acetate	5.036	43	76119	18.909	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	204417	19.810	ug/l	99
20) Methylene Chloride	5.289	84	68826	19.211	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	62134	18.095	ug/l	96
22) Diisopropyl ether	6.683	45	171508	19.689	ug/l	94
23) Vinyl Acetate	6.612	43	576831	102.463	ug/l	99
24) 1,1-Dichloroethane	6.577	63	109687	18.891	ug/l	99
25) 2-Butanone	7.488	43	176997	97.566	ug/l	96
26) 2,2-Dichloropropane	7.494	77	91493	18.696	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	74666	18.644	ug/l	99
28) Bromochloromethane	7.818	49	48156	20.462	ug/l	98
29) Tetrahydrofuran	7.847	42	112215	100.223	ug/l	99
30) Chloroform	7.971	83	124795	19.424	ug/l	99
31) Cyclohexane	8.265	56	101335	17.803	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	107998	18.412	ug/l	94
36) 1,1-Dichloropropene	8.377	75	86726	18.302	ug/l	99
37) Ethyl Acetate	7.571	43	72865	19.194	ug/l	97
38) Carbon Tetrachloride	8.365	117	95205	18.017	ug/l	100
39) Methylcyclohexane	9.606	83	107789	18.627	ug/l	98
40) Benzene	8.612	78	267728	18.895	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	40532	20.367	ug/l	99
42) 1,2-Dichloroethane	8.677	62	94208	19.433	ug/l	100
43) Isopropyl Acetate	8.694	43	122053	19.740	ug/l	99
44) Trichloroethene	9.353	130	72172	18.009	ug/l	100
45) 1,2-Dichloropropane	9.629	63	66401	19.574	ug/l	96
46) Dibromomethane	9.712	93	48586	18.969	ug/l	99
47) Bromodichloromethane	9.888	83	95926	19.310	ug/l	99
48) Methyl methacrylate	9.688	41	55824	19.071	ug/l	99
49) 1,4-Dioxane	9.700	88	26296	425.743	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	358871	98.871	ug/l	99
52) Toluene	10.629	92	173833	18.346	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	94941	20.048	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	106858	19.614	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	69580	19.211	ug/l	94
56) Ethyl methacrylate	10.876	69	96786	20.699	ug/l	99
57) 1,3-Dichloropropane	11.165	76	113479	19.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	160003	101.362	ug/l	99
59) 2-Hexanone	11.200	43	263831	100.305	ug/l	99
60) Dibromochloromethane	11.359	129	75659	19.844	ug/l	98
61) 1,2-Dibromoethane	11.476	107	70091	19.388	ug/l	98
64) Tetrachloroethene	11.106	164	74126	17.301	ug/l	98
65) Chlorobenzene	11.894	112	186378	18.559	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	71408	19.111	ug/l	99
67) Ethyl Benzene	11.965	91	324566	18.883	ug/l	97
68) m/p-Xylenes	12.070	106	261601	37.957	ug/l	100
69) o-Xylene	12.400	106	129451	19.126	ug/l	99
70) Styrene	12.412	104	208367	19.281	ug/l	99
71) Bromoform	12.582	173	53381	19.782	ug/l #	99
73) Isopropylbenzene	12.700	105	329081	19.001	ug/l	99
74) N-amyl acetate	12.494	43	98288	19.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	94007	18.881	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	85479m	20.397	ug/l	
77) Bromobenzene	12.982	156	82155	19.952	ug/l	97
78) n-propylbenzene	13.035	91	369908	18.929	ug/l	99
79) 2-Chlorotoluene	13.129	91	224132	18.691	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	280752	19.350	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24620	18.297	ug/l	92
82) 4-Chlorotoluene	13.129	91	224132	18.691	ug/l	100
83) tert-Butylbenzene	13.441	119	244793	18.969	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	281370	19.339	ug/l	100
85) sec-Butylbenzene	13.617	105	338710	18.915	ug/l	100
86) p-Isopropyltoluene	13.729	119	288979	19.625	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	149939	18.368	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	145505	18.801	ug/l	97
89) n-Butylbenzene	14.059	91	219300	18.761	ug/l	99
90) Hexachloroethane	14.335	117	48215	18.972	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	148094	18.215	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17537	20.263	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	67867	18.129	ug/l	98
94) Hexachlorobutadiene	15.505	225	37117	17.203	ug/l	95
95) Naphthalene	15.647	128	198705	18.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66634	18.537	ug/l	99

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

