

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076286.D
 Acq On : 17 Jan 2023 19:31
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 18 00:58:37 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	8.230	168	383702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	616575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	559426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212505	49.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.920%
35) Dibromofluoromethane	8.171	113	192162	49.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	10.571	98	730063	51.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.853	95	261573	56.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	187260	47.624	ug/l	98
3) Chloromethane	2.377	50	181453	44.571	ug/l	96
4) Vinyl Chloride	2.530	62	255053	51.093	ug/l	99
5) Bromomethane	2.954	94	193362	47.300	ug/l	95
6) Chloroethane	3.124	64	192481	51.422	ug/l	100
7) Trichlorofluoromethane	3.506	101	313693	45.677	ug/l	96
8) Diethyl Ether	3.977	74	108122	46.938	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	175149	45.051	ug/l	97
10) Methyl Iodide	4.601	142	280016	47.152	ug/l	100
11) Tert butyl alcohol	5.530	59	134401	233.883	ug/l	100
12) 1,1-Dichloroethene	4.354	96	167559	45.592	ug/l	98
13) Acrolein	4.195	56	169635	246.839	ug/l	99
14) Allyl chloride	5.042	41	195267	45.593	ug/l	98
15) Acrylonitrile	5.730	53	371605	227.243	ug/l	99
16) Acetone	4.436	43	320695	232.847	ug/l	97
17) Carbon Disulfide	4.724	76	398013	43.494	ug/l	98
18) Methyl Acetate	5.036	43	204526	43.819	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	571518	47.767	ug/l	100
20) Methylene Chloride	5.289	84	185102	45.364	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	178588	44.855	ug/l	93
22) Diisopropyl ether	6.683	45	472271	46.759	ug/l	99
23) Vinyl Acetate	6.612	43	1630754	249.825	ug/l	99
24) 1,1-Dichloroethane	6.577	63	308453	45.816	ug/l	99
25) 2-Butanone	7.489	43	477059	226.796	ug/l	97
26) 2,2-Dichloropropane	7.500	77	262107	46.192	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	213084	45.887	ug/l	100
28) Bromochloromethane	7.818	49	125523	45.999	ug/l	100
29) Tetrahydrofuran	7.841	42	308700	237.785	ug/l	99
30) Chloroform	7.971	83	345046	46.318	ug/l	99
31) Cyclohexane	8.265	56	280631	42.522	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	318468	46.825	ug/l	96
36) 1,1-Dichloropropene	8.377	75	251383	45.868	ug/l	99
37) Ethyl Acetate	7.571	43	197357	44.899	ug/l	99
38) Carbon Tetrachloride	8.365	117	282404	46.207	ug/l	97
39) Methylcyclohexane	9.606	83	317688	47.467	ug/l	97
40) Benzene	8.612	78	744852	45.451	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	107066	46.516	ug/l	96
42) 1,2-Dichloroethane	8.677	62	254036	45.306	ug/l	99
43) Isopropyl Acetate	8.688	43	353862	49.482	ug/l	98
44) Trichloroethene	9.353	130	209878	45.281	ug/l	99
45) 1,2-Dichloropropane	9.624	63	179886	45.847	ug/l	99
46) Dibromomethane	9.712	93	135284	45.667	ug/l	99
47) Bromodichloromethane	9.888	83	273405	47.585	ug/l	99
48) Methyl methacrylate	9.683	41	161300	47.643	ug/l	99
49) 1,4-Dioxane	9.700	88	66419	929.752	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	1018509	242.611	ug/l	99
52) Toluene	10.630	92	504853	46.067	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	284206	51.889	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	304958	48.396	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	195229	46.605	ug/l	97
56) Ethyl methacrylate	10.877	69	282364	52.212	ug/l	99
57) 1,3-Dichloropropane	11.165	76	318635	46.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	483769	264.974	ug/l	99
59) 2-Hexanone	11.200	43	739888	243.209	ug/l	99
60) Dibromochloromethane	11.359	129	215957	48.974	ug/l	98
61) 1,2-Dibromoethane	11.471	107	203683	48.713	ug/l	99
64) Tetrachloroethene	11.106	164	204729	40.581	ug/l	98
65) Chlorobenzene	11.894	112	541256	45.770	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	207921	47.256	ug/l	99
67) Ethyl Benzene	11.965	91	990744	48.952	ug/l	99
68) m/p-Xylenes	12.077	106	786183	96.873	ug/l	100
69) o-Xylene	12.400	106	394853	49.543	ug/l	100
70) Styrene	12.412	104	645076	50.692	ug/l	99
71) Bromoform	12.582	173	161106	50.703	ug/l #	99
73) Isopropylbenzene	12.700	105	1028274	47.363	ug/l	100
74) N-amyl acetate	12.494	43	307229	49.196	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	279874	44.843	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	248152m	48.510	ug/l	
77) Bromobenzene	12.982	156	242663	47.783	ug/l	99
78) n-propylbenzene	13.035	91	1185966	48.413	ug/l	100
79) 2-Chlorotoluene	13.129	91	686574	45.674	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	874362	48.073	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	83288	49.379	ug/l	98
82) 4-Chlorotoluene	13.129	91	686574	45.674	ug/l	99
83) tert-Butylbenzene	13.441	119	794527	49.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	893435	48.988	ug/l	100
85) sec-Butylbenzene	13.618	105	1098733	48.949	ug/l	99
86) p-Isopropyltoluene	13.729	119	958646	51.936	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	475073	46.427	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	462523	47.521	ug/l	99
89) n-Butylbenzene	14.059	91	804735	54.921	ug/l	99
90) Hexachloroethane	14.335	117	149213	46.838	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	461467	45.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53078	48.925	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	245674	49.889	ug/l	98
94) Hexachlorobutadiene	15.506	225	115945	42.870	ug/l	97
95) Naphthalene	15.647	128	759755	52.027	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	232472	49.534	ug/l	99

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

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