

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076273.D
 Acq On : 17 Jan 2023 12:14
 Operator : JC\MD
 Sample : VN0117WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Quant Time: Jan 18 00:51:20 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	358543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	576098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	510453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	207704	51.738	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.480%	
35) Dibromofluoromethane	8.171	113	184958	51.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.640%	
50) Toluene-d8	10.571	98	685985	51.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.847	95	226828	52.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	67860	18.469	ug/l	95
3) Chloromethane	2.377	50	69459	18.259	ug/l	94
4) Vinyl Chloride	2.530	62	81557	17.484	ug/l	98
5) Bromomethane	2.965	94	75374	19.732	ug/l	97
6) Chloroethane	3.130	64	72581	20.751	ug/l	98
7) Trichlorofluoromethane	3.512	101	115568	18.009	ug/l	98
8) Diethyl Ether	3.971	74	40954	19.027	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	64413	17.730	ug/l	98
10) Methyl Iodide	4.606	142	97580	17.585	ug/l	98
11) Tert butyl alcohol	5.536	59	47477	88.416	ug/l #	82
12) 1,1-Dichloroethene	4.353	96	60819	17.710	ug/l	97
13) Acrolein	4.201	56	60596	94.362	ug/l	100
14) Allyl chloride	5.042	41	78281	19.560	ug/l	91
15) Acrylonitrile	5.736	53	142549	93.288	ug/l	99
16) Acetone	4.442	43	137454	106.765	ug/l	99
17) Carbon Disulfide	4.724	76	144623	16.913	ug/l	99
18) Methyl Acetate	5.048	43	76932	17.639	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	210432	18.822	ug/l	97
20) Methylene Chloride	5.289	84	71013	18.265	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	65545	17.618	ug/l	98
22) Diisopropyl ether	6.683	45	176248	18.675	ug/l	99
23) Vinyl Acetate	6.612	43	579735	95.045	ug/l	99
24) 1,1-Dichloroethane	6.583	63	115555	18.368	ug/l	95
25) 2-Butanone	7.489	43	186859	95.067	ug/l	96
26) 2,2-Dichloropropane	7.500	77	97754	18.437	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	78039	17.985	ug/l	99
28) Bromochloromethane	7.824	49	48626	19.070	ug/l	98
29) Tetrahydrofuran	7.847	42	116740	96.232	ug/l	100
30) Chloroform	7.971	83	127567	18.326	ug/l	99
31) Cyclohexane	8.265	56	101930	16.528	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	117360	18.466	ug/l	90
36) 1,1-Dichloropropene	8.377	75	90656	17.703	ug/l	99
37) Ethyl Acetate	7.571	43	75810	18.480	ug/l	99
38) Carbon Tetrachloride	8.365	117	102385	17.929	ug/l	98
39) Methylcyclohexane	9.606	83	114351	18.286	ug/l	96
40) Benzene	8.612	78	278770	18.206	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	38181	17.754	ug/l	92
42) 1,2-Dichloroethane	8.677	62	94415	18.022	ug/l	99
43) Isopropyl Acetate	8.694	43	126086	18.870	ug/l	98
44) Trichloroethene	9.359	130	77063	17.794	ug/l	94
45) 1,2-Dichloropropane	9.624	63	65269	17.804	ug/l	98
46) Dibromomethane	9.712	93	50026	18.074	ug/l	99
47) Bromodichloromethane	9.888	83	97570	18.175	ug/l	99
48) Methyl methacrylate	9.683	41	57339	18.126	ug/l	99
49) 1,4-Dioxane	9.700	88	24727	370.455	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	378417	96.473	ug/l	99
52) Toluene	10.635	92	181054	17.682	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	96099	18.778	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	106671	18.118	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	72086	18.418	ug/l	96
56) Ethyl methacrylate	10.877	69	98667	19.526	ug/l	99
57) 1,3-Dichloropropane	11.165	76	117754	18.513	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	162849	95.464	ug/l	99
59) 2-Hexanone	11.200	43	278205	97.874	ug/l	99
60) Dibromochloromethane	11.359	129	78814	19.129	ug/l	99
61) 1,2-Dibromoethane	11.471	107	72976	18.679	ug/l	99
64) Tetrachloroethene	11.106	164	75362	16.371	ug/l	93
65) Chlorobenzene	11.894	112	191878	17.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	73701	18.358	ug/l	98
67) Ethyl Benzene	11.965	91	343961	18.625	ug/l	99
68) m/p-Xylenes	12.076	106	269580	36.404	ug/l	100
69) o-Xylene	12.400	106	136027	18.705	ug/l	100
70) Styrene	12.412	104	212348	18.288	ug/l	99
71) Bromoform	12.582	173	54677	18.859	ug/l #	99
73) Isopropylbenzene	12.700	105	344784	18.832	ug/l	99
74) N-amyl acetate	12.494	43	102522	19.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	99503	18.905	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	88279m	19.905	ug/l	
77) Bromobenzene	12.982	156	83290	19.111	ug/l	98
78) n-propylbenzene	13.035	91	379650	18.378	ug/l	100
79) 2-Chlorotoluene	13.129	91	234527	18.501	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	291991	19.037	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25683	18.056	ug/l	94
82) 4-Chlorotoluene	13.129	91	234527	18.501	ug/l	99
83) tert-Butylbenzene	13.441	119	253271	18.566	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	288214	18.739	ug/l	99
85) sec-Butylbenzene	13.618	105	353658	18.683	ug/l	100
86) p-Isopropyltoluene	13.729	119	294198	18.900	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	153019	17.732	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	146859	17.955	ug/l	99
89) n-Butylbenzene	14.059	91	223378	18.078	ug/l	100
90) Hexachloroethane	14.335	117	50676	18.863	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	150193	17.475	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17141	18.736	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	67475	17.128	ug/l	98
94) Hexachlorobutadiene	15.506	225	39379	17.265	ug/l	98
95) Naphthalene	15.647	128	197146	17.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	66896	17.663	ug/l	100

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

