

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081621\
 Data File : VN068110.D
 Acq On : 16 Aug 2021 12:56
 Operator : JC/MD
 Sample : VN0816WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS02

Quant Time: Aug 17 07:10:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	317138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	578649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	582324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	268093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	272548	60.706	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 121.420%	
35) Dibromofluoromethane	8.021	113	203657	60.392	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 120.780%	
50) Toluene-d8	10.443	98	796787	51.104	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.733	95	288596	50.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	61333	18.874	ug/l	98
3) Chloromethane	2.303	50	78028	19.330	ug/l	100
4) Vinyl Chloride	2.443	62	126795	20.132	ug/l	95
5) Bromomethane	2.856	94	113676	20.252	ug/l	96
6) Chloroethane	3.019	64	101958	20.879	ug/l	96
7) Trichlorofluoromethane	3.371	101	259735	22.759	ug/l	98
8) Diethyl Ether	3.821	74	52894	24.391	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.202	101	72676	22.091	ug/l	98
10) Methyl Iodide	4.417	142	81136	20.823	ug/l	94
11) Tert butyl alcohol	5.385	59	75073	124.802	ug/l #	83
12) 1,1-Dichloroethene	4.175	96	63717	21.188	ug/l	88
13) Acrolein	4.041	56	41854	102.526	ug/l	99
14) Allyl chloride	4.838	41	117529	23.013	ug/l	97
15) Acrylonitrile	5.556	53	229806	136.304	ug/l	98
16) Acetone	4.291	43	195165	119.137	ug/l	97
17) Carbon Disulfide	4.521	76	147065	16.863	ug/l	97
18) Methyl Acetate	4.854	43	108436	27.485	ug/l	97
19) Methyl tert-butyl Ether	5.615	73	299287	26.513	ug/l	98
20) Methylene Chloride	5.092	84	90770	23.848	ug/l	92
21) trans-1,2-Dichloroethene	5.597	96	74013	21.161	ug/l	92
22) Diisopropyl ether	6.500	45	296970	26.195	ug/l	98
23) Vinyl Acetate	6.436	43	1227670m	119.400	ug/l	
24) 1,1-Dichloroethane	6.383	63	160589	24.494	ug/l	99
25) 2-Butanone	7.337	43	309968	130.425	ug/l	96
26) 2,2-Dichloropropane	7.327	77	138967	24.235	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	99262	23.873	ug/l	87
28) Bromochloromethane	7.659	49	83229	26.616	ug/l	86
29) Tetrahydrofuran	7.686	42	198763	130.603	ug/l	90
30) Chloroform	7.817	83	181725	25.027	ug/l	100
31) Cyclohexane	8.094	56	130124	19.648	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	155866	24.851	ug/l	99
36) 1,1-Dichloropropene	8.220	75	119992	22.418	ug/l	99
37) Ethyl Acetate	7.418	43	135160	26.832	ug/l	98
38) Carbon Tetrachloride	8.204	117	128747	24.459	ug/l	99
39) Methylcyclohexane	9.459	83	128764	22.261	ug/l	94
40) Benzene	8.461	78	374602	23.640	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	65620	27.345	ug/l	93
42) 1,2-Dichloroethane	8.531	62	149418	25.530	ug/l	99
43) Isopropyl Acetate	8.566	43	227792	27.137	ug/l	98
44) Trichloroethene	9.220	130	91242	22.765	ug/l	92
45) 1,2-Dichloropropane	9.488	63	100715	25.510	ug/l	96
46) Dibromomethane	9.577	93	72434	25.376	ug/l	97
47) Bromodichloromethane	9.762	83	147105	27.041	ug/l	98
48) Methyl methacrylate	9.561	41	97070	24.429	ug/l	91
49) 1,4-Dioxane	9.571	88	31934	478.281	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	715704	123.683	ug/l	95
52) Toluene	10.507	92	249727	24.254	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	150800	23.410	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	157127	23.263	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	105833	26.512	ug/l	99
56) Ethyl methacrylate	10.765	69	154240	23.256	ug/l	92
57) 1,3-Dichloropropane	11.046	76	178629	27.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	116953	99.199	ug/l	95
59) 2-Hexanone	11.089	43	538115	130.155	ug/l	98
60) Dibromochloromethane	11.240	129	112097	24.302	ug/l	99
61) 1,2-Dibromoethane	11.347	107	106493	25.977	ug/l	99
64) Tetrachloroethene	10.979	164	83230	19.956	ug/l	95
65) Chlorobenzene	11.771	112	271797	22.948	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	103629	22.746	ug/l	99
67) Ethyl Benzene	11.848	91	493607	23.403	ug/l	94
68) m/p-Xylenes	11.956	106	388211	44.482	ug/l	87
69) o-Xylene	12.283	106	190745	24.600	ug/l	88
70) Styrene	12.296	104	313996	22.084	ug/l	94
71) Bromoform	12.460	173	72985	22.059	ug/l #	99
73) Isopropylbenzene	12.581	105	481281	22.003	ug/l	96
74) N-amyl acetate	12.390	43	180308	23.716	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	162729	24.620	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	135789m	25.220	ug/l	
77) Bromobenzene	12.862	156	110070	21.917	ug/l	81
78) n-propylbenzene	12.924	91	568702	23.040	ug/l	96
79) 2-Chlorotoluene	13.010	91	345199	22.947	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	412922	23.291	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	42128	23.762	ug/l	96
82) 4-Chlorotoluene	13.109	91	347820	23.029	ug/l	94
83) tert-Butylbenzene	13.326	119	340872	23.123	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	412074	23.990	ug/l	95
85) sec-Butylbenzene	13.503	105	484516	23.497	ug/l	98
86) p-Isopropyltoluene	13.618	119	382906	23.340	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	213175	23.110	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	205347	22.542	ug/l	96
89) n-Butylbenzene	13.946	91	315859	22.453	ug/l	98
90) Hexachloroethane	14.211	117	71079	25.331	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	206094	23.727	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	27856	26.397	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	78876	21.731	ug/l	98
94) Hexachlorobutadiene	15.372	225	40910	22.666	ug/l	97
95) Naphthalene	15.507	128	222684	21.801	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	75136	21.801	ug/l	99

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

