

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
 Data File : VN067201.D
 Acq On : 4 Jun 2021 16:56
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:20:54 PM

Quant Time: Jun 04 18:45:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 18:41:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.094	168	226139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	393250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	375637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	178729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	29060	8.484	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	16.960%#		
35) Dibromofluoromethane	8.021	113	22260	9.263	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	18.520%#		
50) Toluene-d8	10.446	98	91245	9.706	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	19.420%#		
62) 4-Bromofluorobenzene	12.734	95	33180	10.138	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	20.280%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	23191	8.449	ug/l	91
3) Chloromethane	2.303	50	31480	8.069	ug/l	99
4) Vinyl Chloride	2.448	62	42092	11.953	ug/l	99
5) Bromomethane	2.864	94	31929	15.216	ug/l	94
6) Chloroethane	3.025	64	29965	15.096	ug/l	100
7) Trichlorofluoromethane	3.382	101	35726	8.991	ug/l	95
8) Diethyl Ether	3.835	74	14048	7.771	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.226	101	20709	8.350	ug/l #	88
10) Methyl Iodide	4.430	142	24381	6.790	ug/l	95
11) Tert butyl alcohol	5.374	59	24664	35.532	ug/l #	93
12) 1,1-Dichloroethene	4.189	96	20321	7.934	ug/l	90
13) Acrolein	4.055	56	7083	13.567	ug/l	93
14) Allyl chloride	4.849	41	36936	6.615	ug/l #	88
15) Acrylonitrile	5.559	53	51667	36.239	ug/l	99
16) Acetone	4.293	43	60104	44.466	ug/l	98
17) Carbon Disulfide	4.540	76	57731	7.363	ug/l	99
18) Methyl Acetate	4.862	43	28774	7.538	ug/l	95
19) Methyl tert-butyl Ether	5.621	73	70368	8.083	ug/l	96
20) Methylene Chloride	5.109	84	25367	7.471	ug/l	91
21) trans-1,2-Dichloroethene	5.610	96	22661	7.936	ug/l	100
22) Diisopropyl ether	6.501	45	68092	6.945	ug/l	93
23) Vinyl Acetate	6.439	43	337490	37.502	ug/l	97
24) 1,1-Dichloroethane	6.393	63	42444	7.472	ug/l	97
25) 2-Butanone	7.340	43	84544	39.202	ug/l	93
26) 2,2-Dichloropropane	7.329	77	41366	8.361	ug/l	96
27) cis-1,2-Dichloroethene	7.332	96	26237	7.910	ug/l	91
28) Bromochloromethane	7.662	49	21279	7.703	ug/l #	79
29) Tetrahydrofuran	7.694	42	48874	34.743	ug/l	92
30) Chloroform	7.828	83	44955	7.912	ug/l	99
31) Cyclohexane	8.099	56	40473	7.829	ug/l #	94
32) 1,1,1-Trichloroethane	8.024	97	42438	8.654	ug/l	96
36) 1,1-Dichloropropene	8.228	75	33921	8.669	ug/l	97
37) Ethyl Acetate	7.418	43	31774	7.640	ug/l	97
38) Carbon Tetrachloride	8.209	117	35916	11.114	ug/l	98
39) Methylcyclohexane	9.467	83	37444	8.666	ug/l	97
40) Benzene	8.464	78	104202	8.697	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	16912	8.261	ug/l #	87
42) 1,2-Dichloroethane	8.534	62	34628	8.439	ug/l	96
43) Isopropyl Acetate	8.563	43	64843	8.755	ug/l	94
44) Trichloroethene	9.220	130	25571	9.371	ug/l	85
45) 1,2-Dichloropropane	9.496	63	25710	7.968	ug/l	97
46) Dibromomethane	9.582	93	17889	8.905	ug/l #	85
47) Bromodichloromethane	9.767	83	36792	8.815	ug/l	99
48) Methyl methacrylate	9.563	41	26707	8.237	ug/l #	84
49) 1,4-Dioxane	9.577	88	8255	203.279	ug/l	95
51) 4-Methyl-2-Pentanone	10.336	43	188809	46.196	ug/l	90
52) Toluene	10.510	92	66286	9.041	ug/l	95
53) t-1,3-Dichloropropene	10.722	75	41843	9.280	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	43579	8.738	ug/l #	86
55) 1,1,2-Trichloroethane	10.904	97	26160	9.316	ug/l	96
56) Ethyl methacrylate	10.765	69	40801	9.815	ug/l #	80
57) 1,3-Dichloropropane	11.049	76	42781	8.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	44114	65.603	ug/l	94
59) 2-Hexanone	11.089	43	135895	57.606	ug/l	90
60) Dibromochloromethane	11.240	129	30116	10.049	ug/l	97
61) 1,2-Dibromoethane	11.350	107	26881	9.584	ug/l	97
64) Tetrachloroethene	10.982	164	23793	9.197	ug/l	95
65) Chlorobenzene	11.773	112	72795	9.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.848	131	27410	9.327	ug/l	97
67) Ethyl Benzene	11.851	91	136862	9.572	ug/l	94
68) m/p-Xylenes	11.958	106	105860	20.601	ug/l	96
69) o-Xylene	12.286	106	51017	9.688	ug/l	92
70) Styrene	12.299	104	82768	10.549	ug/l	95
71) Bromoform	12.463	173	21236	10.536	ug/l #	99
73) Isopropylbenzene	12.583	105	132232	7.862	ug/l	98
74) N-amyl acetate	12.390	43	53248	14.784	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.833	83	37944	6.914	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	35147m	7.511	ug/l	
77) Bromobenzene	12.865	156	28388	8.249	ug/l	78
78) n-propylbenzene	12.924	91	150213	8.317	ug/l	94
79) 2-Chlorotoluene	13.109	91	89513	7.620	ug/l	95
80) 1,3,5-Trimethylbenzene	13.063	105	111285	7.969	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	12986	9.421	ug/l	90
82) 4-Chlorotoluene	13.012	91	87044	8.334	ug/l	99
83) tert-Butylbenzene	13.329	119	96056	7.621	ug/l	92
84) 1,2,4-Trimethylbenzene	13.372	105	109286	8.576	ug/l	97
85) sec-Butylbenzene	13.509	105	133845	8.493	ug/l	97
86) p-Isopropyltoluene	13.621	119	116224	9.320	ug/l	97
87) 1,3-Dichlorobenzene	13.621	146	54781	9.319	ug/l	97
88) 1,4-Dichlorobenzene	13.699	146	54535	8.720	ug/l	94
89) n-Butylbenzene	13.946	91	105290	10.076	ug/l	95
90) Hexachloroethane	14.214	117	20543	8.094	ug/l	78
91) 1,2-Dichlorobenzene	13.994	146	53939	9.618	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	7515	7.948	ug/l	81
93) 1,2,4-Trichlorobenzene	15.268	180	22307	8.619	ug/l	98
94) Hexachlorobutadiene	15.373	225	13398	8.588	ug/l	100
95) Naphthalene	15.512	128	51873	7.614	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	19216	7.569	ug/l	97

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

