

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066927.D
 Acq On : 4 May 2021 10:41
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:32:50 PM

Quant Time: May 04 12:27:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 12:26:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	498716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	845409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	746425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	300457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	43363	5.49	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.98%#		
35) Dibromofluoromethane	7.512	113	32170	5.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	11.20%#		
50) Toluene-d8	10.028	98	111947	5.15	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.30%#		
62) 4-Bromofluorobenzene	12.358	95	27910	3.73	ug/l	0.01
Spiked Amount 50.000	Range 58 - 135		Recovery =	7.46%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	35507	5.28	ug/l	99
3) Chloromethane	2.035	50	51823	5.14	ug/l	100
4) Vinyl Chloride	2.161	62	47505	5.16	ug/l	98
5) Bromomethane	2.507	94	26468	5.41	ug/l	99
6) Chloroethane	2.655	64	29859	5.56	ug/l	99
7) Trichlorofluoromethane	2.969	101	59376	5.53	ug/l	100
8) Diethyl Ether	3.352	74	19998	5.00	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.687	101	29908	5.37	ug/l #	70
10) Methyl Iodide	3.883	142	36767	4.96	ug/l	94
11) Tert butyl alcohol	4.709	59	26460	22.71	ug/l #	81
12) 1,1-Dichloroethene	3.671	96	28851	5.36	ug/l	96
13) Acrolein	3.548	56	25352	24.39	ug/l	96
14) Allyl chloride	4.245	41	55843	5.17	ug/l	90
15) Acrylonitrile	4.897	53	76367	23.13	ug/l	98
16) Acetone	3.754	43	79857	26.67	ug/l	99
17) Carbon Disulfide	3.982	76	91233	5.23	ug/l	97
18) Methyl Acetate	4.261	43	36522	4.40	ug/l	98
19) Methyl tert-butyl Ether	4.953	73	90424	4.76	ug/l	95
20) Methylene Chloride	4.468	84	37488	4.98	ug/l	90
21) trans-1,2-Dichloroethene	4.953	96	29826	5.10	ug/l #	81
22) Diisopropyl ether	5.862	45	106043	4.99	ug/l #	80
23) Vinyl Acetate	5.809	43	412262	23.63	ug/l	96
24) 1,1-Dichloroethane	5.758	63	67184	5.25	ug/l	99
25) 2-Butanone	6.753	43	99768	24.62	ug/l	95
26) 2,2-Dichloropropane	6.731	77	55943	5.71	ug/l	95
27) cis-1,2-Dichloroethene	6.739	96	33583	5.05	ug/l	84
28) Bromochloromethane	7.115	49	32108	5.37	ug/l #	81
29) Tetrahydrofuran	7.131	42	60565	22.25	ug/l	94
30) Chloroform	7.289	83	64129	5.24	ug/l	96
31) Cyclohexane	7.582	56	61462	5.58	ug/l #	83
32) 1,1,1-Trichloroethane	7.488	97	55228	5.26	ug/l	98
36) 1,1-Dichloropropene	7.716	75	44689	5.21	ug/l	95
37) Ethyl Acetate	6.847	43	41705	4.39	ug/l #	89
38) Carbon Tetrachloride	7.694	117	48363	5.32	ug/l	97
39) Methylcyclohexane	9.014	83	45223	4.89	ug/l #	86
40) Benzene	7.970	78	141105	5.17	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	19948m	5.02	ug/l	
42) 1,2-Dichloroethane	8.051	62	50924	5.21	ug/l	86
43) Isopropyl Acetate	8.094	43	69321	4.80	ug/l #	86
44) Trichloroethene	8.770	130	31801	5.31	ug/l	94
45) 1,2-Dichloropropane	9.049	63	38846	5.05	ug/l	99
46) Dibromomethane	9.145	93	22784	5.06	ug/l	91
47) Bromodichloromethane	9.338	83	49066	5.02	ug/l	98
48) Methyl methacrylate	9.137	41	26995	4.28	ug/l	93
49) 1,4-Dioxane	9.142	88	8600	87.49	ug/l #	84
51) 4-Methyl-2-Pentanone	9.926	43	180090	21.94	ug/l	95
52) Toluene	10.095	92	76384	4.92	ug/l	100
53) t-1,3-Dichloropropene	10.325	75	48539	4.98	ug/l	99
54) cis-1,3-Dichloropropene	9.778	75	54443	5.04	ug/l	97
55) 1,1,2-Trichloroethane	10.505	97	32028	4.99	ug/l	93
56) Ethyl methacrylate	10.376	69	32601	4.09	ug/l	97
57) 1,3-Dichloropropane	10.650	76	55634	5.02	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.636	63	27543	18.64	ug/l	94
59) 2-Hexanone	10.701	43	80449	16.84	ug/l	91
60) Dibromochloromethane	10.843	129	35003	5.04	ug/l	99
61) 1,2-Dibromoethane	10.947	107	29478	4.82	ug/l	98
64) Tetrachloroethene	10.572	164	28791	5.71	ug/l	99
65) Chlorobenzene	11.377	112	82177	5.29	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.452	131	32504	5.35	ug/l	96
67) Ethyl Benzene	11.457	91	126905	4.78	ug/l	98
68) m/p-Xylenes	11.570	106	91233	9.48	ug/l	93
69) o-Xylene	11.894	106	44505	4.67	ug/l	92
70) Styrene	11.918	104	57230	3.97	ug/l	94
71) Bromoform	12.079	173	20846	5.01	ug/l #	99
73) Isopropylbenzene	12.197	105	107305	4.82	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.452	83	43322	5.30	ug/l	97
76) 1,2,3-Trichloropropane	12.503	75	29858m	4.13	ug/l	
77) Bromobenzene	12.479	156	26850	5.13	ug/l	91
78) n-propylbenzene	12.541	91	113536	4.64	ug/l	97
79) 2-Chlorotoluene	12.621	91	88850	5.61	ug/l	96
80) 1,3,5-Trimethylbenzene	12.680	105	93409	4.91	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.275	75	2778	1.50	ug/l #	83
82) 4-Chlorotoluene	12.726	91	74060	4.68	ug/l	89
83) tert-Butylbenzene	12.937	119	78714	4.57	ug/l	97
84) 1,2,4-Trimethylbenzene	12.991	105	84718	4.69	ug/l	92
85) sec-Butylbenzene	13.117	105	98656	4.74	ug/l	99
86) p-Isopropyltoluene	13.235	119	81380	4.57	ug/l	96
87) 1,3-Dichlorobenzene	13.232	146	44072	4.84	ug/l	97
88) 1,4-Dichlorobenzene	13.310	146	45932	4.59	ug/l	93
89) n-Butylbenzene	13.576	91	54658	3.80	ug/l #	79
90) Hexachloroethane	13.820	117	22956	5.21	ug/l	96
91) 1,2-Dichlorobenzene	13.608	146	45289	4.71	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.246	75	8631m	5.30	ug/l	
93) 1,2,4-Trichlorobenzene	14.868	180	23653m	4.89	ug/l	
94) Hexachlorobutadiene	14.949	225	16269	5.18	ug/l	99
95) Naphthalene	15.091	128	54370m	4.29	ug/l	
96) 1,2,3-Trichlorobenzene	15.257	180	21644	4.64	ug/l	96

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

