

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066207.D
 Acq On : 16 Mar 2021 11:22
 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
 3/17/2021 4:24:33 PM

Quant Time: Mar 16 12:53:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 12:51:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	314645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	506827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	465414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	203535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	25666	5.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.30%#		
35) Dibromofluoromethane	7.512	113	17498	5.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.34%#		
50) Toluene-d8	10.028	98	64534	4.79	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.58%#		
62) 4-Bromofluorobenzene	12.342	95	21102	4.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	8.48%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.818	85	17943	5.41	ug/l	93
3) Chloromethane	2.017	50	29476	4.89	ug/l	100
4) Vinyl Chloride	2.145	62	24632	5.38	ug/l	100
5) Bromomethane	2.510	94	14514	5.45	ug/l	94
6) Chloroethane	2.650	64	14808	5.57	ug/l	97
7) Trichlorofluoromethane	2.966	101	28188	5.24	ug/l	95
8) Diethyl Ether	3.344	74	11877	5.52	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.688	101	14284	5.16	ug/l	92
10) Methyl Iodide	3.875	142	19423	5.25	ug/l #	93
11) Tert butyl alcohol	4.715	59	19145	24.56	ug/l #	80
12) 1,1-Dichloroethene	3.661	96	16871	5.80	ug/l	84
13) Acrolein	3.535	56	27611	31.33	ug/l	98
14) Allyl chloride	4.232	41	35225	4.64	ug/l #	88
15) Acrylonitrile	4.886	53	58834	25.71	ug/l	97
16) Acetone	3.741	43	59653	23.14	ug/l	99
17) Carbon Disulfide	3.966	76	44891	5.18	ug/l	96
18) Methyl Acetate	4.232	43	28846	4.64	ug/l #	84
19) Methyl tert-butyl Ether	4.948	73	59968	5.31	ug/l	98
20) Methylene Chloride	4.455	84	18244	4.93	ug/l	92
21) trans-1,2-Dichloroethene	4.927	96	17015m	5.18	ug/l	
22) Diisopropyl ether	5.863	45	74441	4.91	ug/l	99
23) Vinyl Acetate	5.798	43	326291	26.02	ug/l	98
24) 1,1-Dichloroethane	5.739	63	38334	5.17	ug/l	99
25) 2-Butanone	6.750	43	90443	23.90	ug/l	98
26) 2,2-Dichloropropane	6.729	77	32930	5.09	ug/l	95
27) cis-1,2-Dichloroethene	6.732	96	20230	5.06	ug/l	95
28) Bromochloromethane	7.107	49	20513	4.97	ug/l #	63
29) Tetrahydrofuran	7.131	42	59651	23.78	ug/l	98
30) Chloroform	7.281	83	35671	5.06	ug/l	91
31) Cyclohexane	7.571	56	38609	5.28	ug/l #	87
32) 1,1,1-Trichloroethane	7.482	97	30012	4.98	ug/l	99
36) 1,1-Dichloropropene	7.710	75	27263	5.16	ug/l	98
37) Ethyl Acetate	6.844	43	35992	4.89	ug/l	99
38) Carbon Tetrachloride	7.689	117	23334	4.74	ug/l	93
39) Methylcyclohexane	9.011	83	27469	4.49	ug/l	96
40) Benzene	7.960	78	81966	5.14	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	17617	4.56	ug/l #	70
42) 1,2-Dichloroethane	8.046	62	29799	4.87	ug/l	92
43) Isopropyl Acetate	8.091	43	59187	4.80	ug/l	98
44) Trichloroethene	8.767	130	19116	4.89	ug/l	100
45) 1,2-Dichloropropane	9.046	63	23528	4.78	ug/l	99
46) Dibromomethane	9.140	93	12822	4.71	ug/l	96
47) Bromodichloromethane	9.336	83	27847	4.79	ug/l	96
48) Methyl methacrylate	9.135	41	25995	4.47	ug/l	97
49) 1,4-Dioxane	9.135	88	5929	93.69	ug/l	96
51) 4-Methyl-2-Pentanone	9.920	43	178733	24.27	ug/l	99
52) Toluene	10.092	92	45130	4.75	ug/l	100
53) t-1,3-Dichloropropene	10.317	75	30896	4.67	ug/l	97
54) cis-1,3-Dichloropropene	9.776	75	33336	4.67	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	18871	4.82	ug/l	95
56) Ethyl methacrylate	10.368	69	25976	4.22	ug/l	97
57) 1,3-Dichloropropane	10.645	76	34627	4.88	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.628	63	10980	6.62	ug/l #	80
59) 2-Hexanone	10.693	43	121052	22.81	ug/l	97
60) Dibromochloromethane	10.840	129	18988	4.67	ug/l	98
61) 1,2-Dibromoethane	10.942	107	19000	4.80	ug/l	98
64) Tetrachloroethene	10.569	164	21423	5.38	ug/l	96
65) Chlorobenzene	11.374	112	49928	5.27	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	18192	4.98	ug/l	94
67) Ethyl Benzene	11.452	91	83266	4.88	ug/l	99
68) m/p-Xylenes	11.562	106	59088	9.29	ug/l	98
69) o-Xylene	11.889	106	29048	4.69	ug/l	97
70) Styrene	11.905	104	44881	4.48	ug/l	99
71) Bromoform	12.071	173	13820	4.94	ug/l #	100
73) Isopropylbenzene	12.192	105	75385	4.97	ug/l	99
74) N-amyl acetate	12.018	43	25053	3.43	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.450	83	26728	4.84	ug/l	98
76) 1,2,3-Trichloropropane	12.498	75	28659m	5.81	ug/l	
77) Bromobenzene	12.466	156	20094	5.26	ug/l	96
78) n-propylbenzene	12.535	91	82394	4.71	ug/l	99
79) 2-Chlorotoluene	12.618	91	53369	4.86	ug/l	97
80) 1,3,5-Trimethylbenzene	12.677	105	60405	4.77	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	7440	4.09	ug/l	92
82) 4-Chlorotoluene	12.715	91	47538	4.38	ug/l	89
83) tert-Butylbenzene	12.938	119	49795	4.67	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	56353	4.51	ug/l	96
85) sec-Butylbenzene	13.115	105	65962	4.64	ug/l	98
86) p-Isopropyltoluene	13.233	119	54569	4.34	ug/l	96
87) 1,3-Dichlorobenzene	13.225	146	32927	4.97	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	33033	4.82	ug/l	92
89) n-Butylbenzene	13.560	91	47976	4.28	ug/l	99
90) Hexachloroethane	13.815	117	10059	4.95	ug/l	100
91) 1,2-Dichlorobenzene	13.600	146	32279	4.97	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.212	75	4643	4.10	ug/l	86
93) 1,2,4-Trichlorobenzene	14.853	180	19433	5.12	ug/l	95
94) Hexachlorobutadiene	14.949	225	10087	4.53	ug/l	97
95) Naphthalene	15.070	128	55529	5.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.249	180	20097	5.24	ug/l	96

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

