

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066484.D
 Acq On : 6 Apr 2021 10:36
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:46:39 PM

Quant Time: Apr 06 12:23:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:21:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	271607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	409753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	372356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	148303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	19092	5.38	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.76%#		
35) Dibromofluoromethane	7.504	113	14836	5.45	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.90%#		
50) Toluene-d8	10.028	98	49362	4.79	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.58%#		
62) 4-Bromofluorobenzene	12.350	95	12690	3.58	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	7.16%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	15528	4.62	ug/l	99
3) Chloromethane	2.017	50	21086	5.23	ug/l	98
4) Vinyl Chloride	2.143	62	24159	6.04	ug/l	97
5) Bromomethane	2.500	94	17345	6.41	ug/l	94
6) Chloroethane	2.644	64	16911	6.69	ug/l	98
7) Trichlorofluoromethane	2.955	101	32842	6.02	ug/l	99
8) Diethyl Ether	3.342	74	8607	4.09	ug/l	58
9) 1,1,2-Trichlorotrifluo...	3.674	101	13983	4.73	ug/l	96
10) Methyl Iodide	3.867	142	19669	4.69	ug/l	100
11) Tert butyl alcohol	4.685	59	13614	25.36	ug/l #	90
12) 1,1-Dichloroethene	3.661	96	13696	4.55	ug/l	82
13) Acrolein	3.529	56	10540	29.65	ug/l	93
14) Allyl chloride	4.229	41	21579	3.77	ug/l #	90
15) Acrylonitrile	4.876	53	18199	11.84	ug/l #	31
16) Acetone	3.739	43	35595	19.26	ug/l	95
17) Carbon Disulfide	3.967	76	39742	4.46	ug/l	98
18) Methyl Acetate	4.235	43	19279	4.03	ug/l	99
19) Methyl tert-butyl Ether	4.935	73	43359	4.73	ug/l	96
20) Methylene Chloride	4.455	84	17404	4.74	ug/l	89
21) trans-1,2-Dichloroethene	4.940	96	15190	5.36	ug/l	89
22) Diisopropyl ether	5.849	45	44257	4.61	ug/l #	83
23) Vinyl Acetate	5.793	43	187194	22.87	ug/l #	95
24) 1,1-Dichloroethane	5.742	63	27731	5.22	ug/l	97
25) 2-Butanone	6.740	43	50476	23.73	ug/l	96
26) 2,2-Dichloropropane	6.718	77	24727	5.26	ug/l	99
27) cis-1,2-Dichloroethene	6.724	96	8210	2.49	ug/l #	1
28) Bromochloromethane	7.107	49	13763	5.20	ug/l	98
29) Tetrahydrofuran	7.121	42	34352	24.65	ug/l	100
30) Chloroform	7.287	83	29095	5.47	ug/l	97
31) Cyclohexane	7.574	56	26311	5.32	ug/l #	83
32) 1,1,1-Trichloroethane	7.483	97	25974	5.57	ug/l	96
36) 1,1-Dichloropropene	7.708	75	19073	4.91	ug/l	97
37) Ethyl Acetate	6.836	43	20327	4.73	ug/l #	86
38) Carbon Tetrachloride	7.692	117	22505	5.73	ug/l	97
39) Methylcyclohexane	9.014	83	20529	4.38	ug/l	94
40) Benzene	7.963	78	63113	5.34	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.094	41	10456m	5.03	ug/l	
42) 1,2-Dichloroethane	8.043	62	22568	5.37	ug/l	98
43) Isopropyl Acetate	8.089	43	34715	4.76	ug/l	99
44) Trichloroethene	8.767	130	16453	5.30	ug/l	100
45) 1,2-Dichloropropane	9.049	63	16721	5.31	ug/l	97
46) Dibromomethane	9.137	93	10867	5.28	ug/l	95
47) Bromodichloromethane	9.336	83	22449	5.27	ug/l	98
48) Methyl methacrylate	9.135	41	13910	4.04	ug/l	92
49) 1,4-Dioxane	9.135	88	4111	93.48	ug/l #	90
51) 4-Methyl-2-Pentanone	9.921	43	100486	23.38	ug/l	99
52) Toluene	10.092	92	36521	5.02	ug/l	100
53) t-1,3-Dichloropropene	10.326	75	21944	4.77	ug/l	96
54) cis-1,3-Dichloropropene	9.776	75	24394	4.94	ug/l	94
55) 1,1,2-Trichloroethane	10.500	97	16284	5.57	ug/l	94
56) Ethyl methacrylate	10.371	69	16530	3.75	ug/l	95
57) 1,3-Dichloropropane	10.645	76	25152	5.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.634	63	9539	22.18	ug/l	96
59) 2-Hexanone	10.696	43	54302	18.10	ug/l	96
60) Dibromochloromethane	10.840	129	17679	5.44	ug/l	100
61) 1,2-Dibromoethane	10.945	107	15823	5.19	ug/l	99
64) Tetrachloroethene	10.570	164	17273	5.43	ug/l	98
65) Chlorobenzene	11.374	112	40895	5.45	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.449	131	16451	5.71	ug/l	97
67) Ethyl Benzene	11.455	91	61350	4.52	ug/l	100
68) m/p-Xylenes	11.567	106	44466	8.61	ug/l	96
69) o-Xylene	11.889	106	21186	4.27	ug/l	97
70) Styrene	11.908	104	30128	3.75	ug/l	97
71) Bromoform	12.071	173	11967	5.02	ug/l #	100
73) Isopropylbenzene	12.195	105	51785	4.66	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.452	83	21070	5.90	ug/l	99
76) 1,2,3-Trichloropropane	12.501	75	17013m	5.14	ug/l	
77) Bromobenzene	12.471	156	14891	5.30	ug/l	90
78) n-propylbenzene	12.538	91	57280	4.73	ug/l	97
79) 2-Chlorotoluene	12.619	91	37669	5.07	ug/l	96
80) 1,3,5-Trimethylbenzene	12.678	105	43764	4.82	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.259	75	3087	2.85	ug/l #	59
82) 4-Chlorotoluene	12.720	91	31295	4.24	ug/l	88
83) tert-Butylbenzene	12.935	119	37568	4.81	ug/l	97
84) 1,2,4-Trimethylbenzene	12.986	105	38943	4.42	ug/l	100
85) sec-Butylbenzene	13.117	105	45264	4.48	ug/l	98
86) p-Isopropyltoluene	13.235	119	36473	4.05	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	24360	5.19	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	22912	4.71	ug/l	90
89) n-Butylbenzene	13.565	91	31657	4.28	ug/l	85
90) Hexachloroethane	13.817	117	9593	5.84	ug/l	100
91) 1,2-Dichlorobenzene	13.603	146	26093	5.65	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.244	75	4629	6.82	ug/l	53
93) 1,2,4-Trichlorobenzene	14.992	180	12141	4.29	ug/l	97
94) Hexachlorobutadiene	15.110	225	8523	5.47	ug/l	95
95) Naphthalene	15.271	128	28108	3.30	ug/l	98
96) 1,2,3-Trichlorobenzene	15.504	180	12517	4.39	ug/l	98

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

