

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041021\
 Data File : VN066565.D
 Acq On : 9 Apr 2021 19:23
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 10:58:03 AM

Quant Time: Apr 10 05:50:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041021W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 10 05:46:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	156030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	254208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	253361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	128146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	133008	60.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.72%#			
35) Dibromofluoromethane	7.504	113	89522	51.15	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.30%			
50) Toluene-d8	10.028	98	348965	52.20	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.40%			
62) 4-Bromofluorobenzene	12.345	95	124103	56.55	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.10%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.815	85	114678	62.03	ug/l	100
3) Chloromethane	2.017	50	144708	59.43	ug/l	100
4) Vinyl Chloride	2.143	62	143675	54.07	ug/l	100
5) Bromomethane	2.502	94	90529	47.61	ug/l	100
6) Chloroethane	2.644	64	91569	53.08	ug/l	100
7) Trichlorofluoromethane	2.958	101	202538	57.41	ug/l	100
8) Diethyl Ether	3.339	74	74095	72.14	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.674	101	105508	67.56	ug/l	100
10) Methyl Iodide	3.862	142	137503	61.82	ug/l	100
11) Tert butyl alcohol	4.712	59	101608	288.29	ug/l	100
12) 1,1-Dichloroethene	3.653	96	98845	63.99	ug/l	100
13) Acrolein	3.527	56	124866	480.99	ug/l	100
14) Allyl chloride	4.221	41	285265	93.85	ug/l	100
15) Acrylonitrile	4.881	53	294255	299.39	ug/l	100
16) Acetone	3.736	43	395752	395.65	ug/l	100
17) Carbon Disulfide	3.958	76	325143	64.27	ug/l	100
18) Methyl Acetate	4.232	43	225828	87.35	ug/l	100
19) Methyl tert-butyl Ether	4.943	73	309424	58.49	ug/l	100
20) Methylene Chloride	4.444	84	123323	62.68	ug/l	100
21) trans-1,2-Dichloroethene	4.927	96	90201	52.75	ug/l	100
22) Diisopropyl ether	5.860	45	400779	67.20	ug/l	100
23) Vinyl Acetate	5.793	43	1774727	340.67	ug/l	100
24) 1,1-Dichloroethane	5.737	63	194198	59.09	ug/l	100
25) 2-Butanone	6.745	43	447728	323.95	ug/l	100
26) 2,2-Dichloropropane	6.721	77	158456	57.10	ug/l	100
27) cis-1,2-Dichloroethene	6.726	96	104584	53.36	ug/l	100
28) Bromochloromethane	7.102	49	102420	59.20	ug/l	100
29) Tetrahydrofuran	7.128	42	310953	333.35	ug/l	100
30) Chloroform	7.281	83	200218	60.29	ug/l	100
31) Cyclohexane	7.563	56	172421	57.63	ug/l	100
32) 1,1,1-Trichloroethane	7.482	97	174271	60.67	ug/l	100
36) 1,1-Dichloropropene	7.708	75	140109	55.60	ug/l	100
37) Ethyl Acetate	6.839	43	182660	57.53	ug/l	100
38) Carbon Tetrachloride	7.689	117	147070	57.49	ug/l	100
39) Methylcyclohexane	9.009	83	154194	54.02	ug/l	100
40) Benzene	7.960	78	430729	54.92	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	86525	56.74	ug/l	100
42) 1,2-Dichloroethane	8.043	62	174124	61.49	ug/l	100
43) Isopropyl Acetate	8.091	43	322026	64.30	ug/l	100
44) Trichloroethene	8.762	130	94420	48.02	ug/l	100
45) 1,2-Dichloropropane	9.046	63	123388	58.19	ug/l	100
46) Dibromomethane	9.137	93	75927	55.56	ug/l	100
47) Bromodichloromethane	9.336	83	165949	58.59	ug/l	100
48) Methyl methacrylate	9.132	41	159900	70.41	ug/l	100
49) 1,4-Dioxane	9.135	88	37204	1252.56	ug/l	100
51) 4-Methyl-2-Pentanone	9.923	43	1012383	339.05	ug/l	100
52) Toluene	10.092	92	268610	56.52	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	175483	59.45	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	180181	56.14	ug/l	100
55) 1,1,2-Trichloroethane	10.500	97	107525	55.15	ug/l	100
56) Ethyl methacrylate	10.371	69	164488	61.81	ug/l	100
57) 1,3-Dichloropropane	10.647	76	184039	56.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	76817	220.99	ug/l	100
59) 2-Hexanone	10.693	43	722831	363.49	ug/l	100
60) Dibromochloromethane	10.840	129	121508	56.37	ug/l	100
61) 1,2-Dibromoethane	10.945	107	110230	54.86	ug/l	100
64) Tetrachloroethene	10.569	164	84308	41.22	ug/l	100
65) Chlorobenzene	11.374	112	275474	52.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	107652	53.46	ug/l	100
67) Ethyl Benzene	11.452	91	519061	56.47	ug/l	100
68) m/p-Xylenes	11.562	106	394694	115.30	ug/l	100
69) o-Xylene	11.892	106	180849	54.64	ug/l	100
70) Styrene	11.905	104	315548	60.76	ug/l	100
71) Bromoform	12.069	173	87087	53.94	ug/l #	100
73) Isopropylbenzene	12.192	105	503360	53.78	ug/l	100
74) N-amyl acetate	12.018	43	202902	81.34	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.447	83	185344	52.23	ug/l	100
76) 1,2,3-Trichloropropane	12.498	75	172448m	58.67	ug/l	
77) Bromobenzene	12.468	156	119716	48.73	ug/l	100
78) n-propylbenzene	12.535	91	610010	57.53	ug/l	100
79) 2-Chlorotoluene	12.616	91	364613	56.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	438130	56.04	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	51715	57.23	ug/l	100
82) 4-Chlorotoluene	12.715	91	371428	58.12	ug/l	100
83) tert-Butylbenzene	12.938	119	361050	51.26	ug/l	100
84) 1,2,4-Trimethylbenzene	12.983	105	430151	56.68	ug/l	100
85) sec-Butylbenzene	13.115	105	486838	55.15	ug/l	100
86) p-Isopropyltoluene	13.233	119	432271	56.97	ug/l	100
87) 1,3-Dichlorobenzene	13.227	146	214894	50.50	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	202302	45.07	ug/l	100
89) n-Butylbenzene	13.560	91	377051	54.65	ug/l	100
90) Hexachloroethane	13.817	117	83564	52.43	ug/l	100
91) 1,2-Dichlorobenzene	13.597	146	212650	50.60	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.230	75	33411	40.21	ug/l	100
93) 1,2,4-Trichlorobenzene	14.981	180	111393	38.95	ug/l	100
94) Hexachlorobutadiene	15.105	225	59832	41.82	ug/l	100
95) Naphthalene	15.266	128	315065	30.21	ug/l	100
96) 1,2,3-Trichlorobenzene	15.499	180	105627	34.89	ug/l	100

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

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